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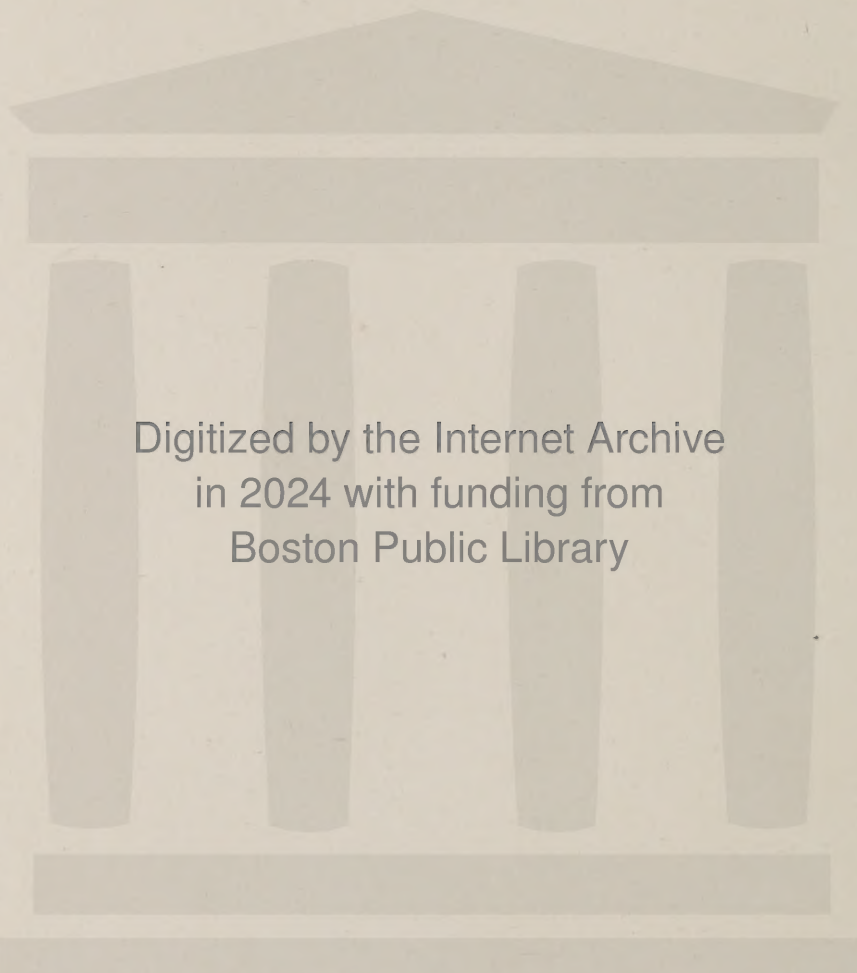


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AMERICAN
OPTICAL COMPANY
Southbridge, Mass.



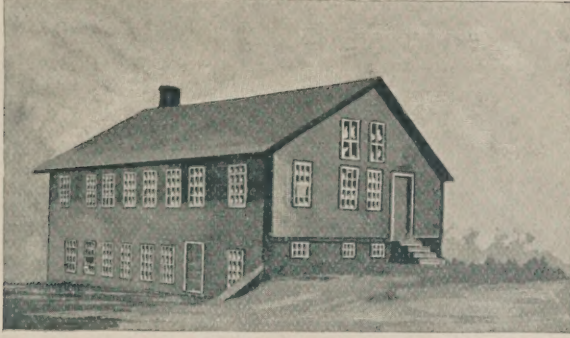
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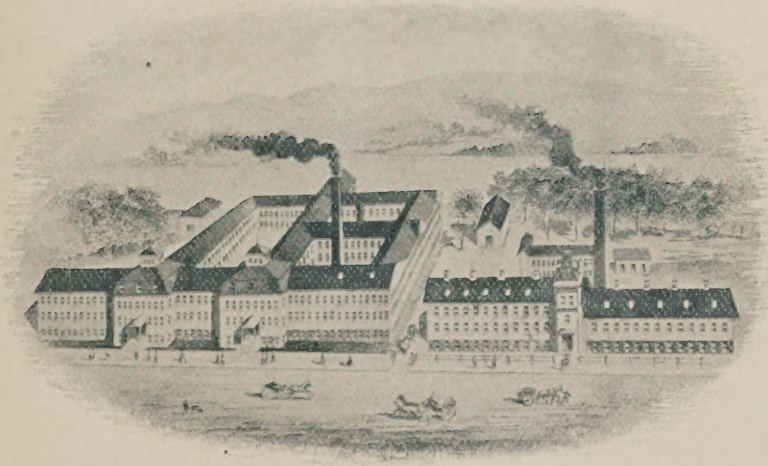
*W. Opt Co
West Winsted
Conn.*

AMERICAN OPTICAL COMPANY,



1833.

Jacob Edwards Library
236 Main St.
Southbridge, MA 01550



1894.

SOUTHBRIDGE, MASS., U. S. A.

GEO. W. WELLS, PRESIDENT AND TREASURER.

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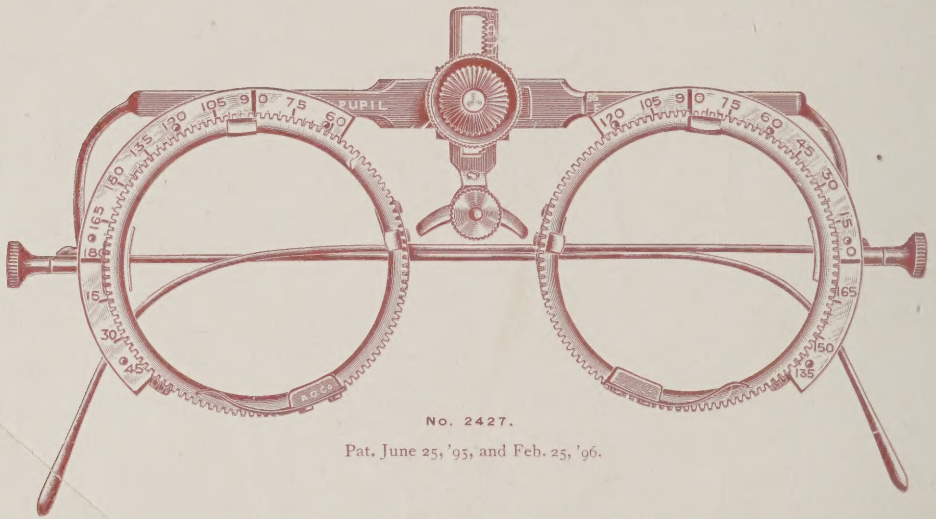
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THE NEW
Patent Revolving Cell Trial Frames,

Manufactured by the

American Optical Company,
Southbridge, Mass.,
U.S.A.

AMERICAN OPTICAL COMPANY.



NO. 2427.

Pat. June 25, '95, and Feb. 25, '96.

ORDER OF ANY WHOLESALE HOUSE.

ILLUSTRATED CATALOGUE

OF

SPECTACLES AND EYEGLASSES,

IN

8-K, 10-K AND 14-K GOLD, PLATINUM, SILVER, ALUMINICO, ROMAN ALLOY,
GERMAN SILVER, FILLED GOLD, STEEL, FRAMELESS, ETC., ETC.

LENSES, TRIAL SETS AND MATERIAL.

Our Goods are carried by all the leading Jobbers in Optical Goods in the
United States, Canada and Europe.

(IN ORDERING READ PAGES 5 TO 12.)

TO THE TRADE: READ THIS.

IN PRESENTING this, the first edition of our illustrated Catalogue, we take this opportunity to say that we have for some time past realized the necessity of some medium whereby we could have our goods better known and understood by the dealers; and in the composition and arrangement of this Catalogue we have endeavored to be as explicit as possible in all the details pertaining to the goods, and trust that our efforts will meet your requirements and with your approval.

It is now a well-known fact that we depend upon the jobbers for the distribution of our product; and experience has convinced us that we have made no mistake in adopting this method for disposing of our goods.

It has always been our custom to make all special styles ordered; and although we have unlimited facilities for this work, such orders necessarily require more time for execution than those for our regular goods.

Owing to the great diversity of styles we manufacture, we have found it impracticable to carry finished goods in stock to any great extent, with the exception of the more staple lines. We therefore suggest to our patrons that they anticipate their wants as far in advance as possible.

We are aware that goods are being constantly offered to the opticians and retail trade and falsely represented as having been manufactured by us; and in this connection we would say that we will always hold ourselves in readiness to report on any samples sent us and to answer all inquiries relating to our goods, and would accord such correspondence our special attention. We believe we have acquired an enviable reputation in the past for honorable dealing, as well as for the uniformity and quality of our goods. It is our purpose to sustain this reputation in the future, and by so doing we shall endeavor to merit a continuance of your esteemed preference for our goods.

AMERICAN OPTICAL COMPANY.

GEO. W. WELLS,

President and Treasurer.

NOTICE.

If the following remarks and explanations are carefully considered, we are confident our customers will be greatly assisted in correctly preparing their orders for our goods, and thus avoid possibility of misunderstanding on our part:—

1. **ALL OUR STEEL GOODS** are well tempered in all their parts, and all goods are made to fit "A. O. Co." Standard Eye Plates, and are interchangeable.
2. **STEEL SPECTACLES AND EYEGLASSES** are made "Blue," unless ordered "Bronze" or "Nicked."
3. **TO AVOID MISTAKES** or misunderstandings, when ordering give Catalogue number, size of Eye, style of Bridge (if other than C.), color of Frame (if not wanted "Blued"), and kind and quality of Lenses.
4. **ANY SPECTACLES** made "angular" when so ordered.
5. **ALL SPECTACLES** are made with assorted pupillary distances and heights. Those of No. 70 grade and better, if not otherwise ordered, are assorted as follows in each dozen:—

If C. bridge,	$\frac{1 \text{ pr.}}{2\frac{1}{4} \times \frac{1}{8}}$	$\frac{2 \text{ prs.}}{2\frac{5}{16} \times \frac{1}{4} \& \frac{1}{16}}$	$\frac{6 \text{ prs.}}{2\frac{3}{8} \times \frac{1}{8} \& \frac{1}{8}}$	$\frac{2 \text{ prs.}}{2\frac{7}{16} \times \frac{1}{16} \& \frac{1}{8}}$	$\frac{1 \text{ pr.}}{2\frac{1}{4} \times \frac{1}{8}}$
If S.S. bridge,	$\frac{1 \text{ pr.}}{2\frac{1}{4} \times \frac{1}{8}}$	$\frac{2 \text{ prs.}}{2\frac{5}{16} \times \frac{3}{16} \& \frac{1}{4}}$	$\frac{6 \text{ prs.}}{2\frac{3}{8} \times \frac{1}{8} \& \frac{1}{4}}$	$\frac{2 \text{ prs.}}{2\frac{7}{16} \times \frac{3}{16} \& \frac{1}{4}}$	$\frac{1 \text{ pr.}}{2\frac{1}{4} \times \frac{1}{8}}$

6. **WHEN SPECIAL EYES OR BRIDGES** are required, reference should be made to our "Cuts of Bridges and Eyes," or our lettered "S.S. System" (see pages 7 to 10), for ordering Spectacles with Saddle Bridges.
7. **IF SPECIAL DIMENSIONS** are ordered in small quantities of each dimension, an extra charge must be expected. We are also obliged to charge extra for single pairs.
8. **ALL OUR EYEGLASSES** not otherwise described are made with Cork Guards, unless ordered to the contrary.
9. **FOR ALL EYEGLASSES** the unit figures 2 and 3 indicate "Offset."
10. **FOR STEEL SPECTACLES** the unit figure of list number indicates:—

1. Turnpin temples.	5. Grooved lenses.
2. Round temples.	6. Riding temples.
3. Half round temples.	7. Half riding round temples.
	8. Short end piece.
11. **ALL STEEL SPECTACLE FRAMES** of No. 70 and better quality, also Alumnico, Roman Alloy and Gold-Filled, are made with Broad Bridges.
12. **SADDLE (S.S.) BRIDGE STEEL FRAMES** of No. 326 and better quality, Alumnico, Roman Alloy, Silver and Gold-Filled, will be made with Broad Bridges if so ordered.
13. **THE TERM "BROAD"** indicates the Bridge wide at the crest.
14. **C. AND S.S. STEEL BRIDGES** on all the better grades of goods are made "Showy" (extra wide at crest) when desired.
15. **WHEN SMALL SAMPLES** are enclosed with an order they should be attached to the order, and thus preclude possible loss. If sent by merchandise mail, the customer's card or name should appear on the sample or the wrapper.
16. **PARTS OF ANY OF OUR GOODS** furnished for repairing, etc.

(See next page.)

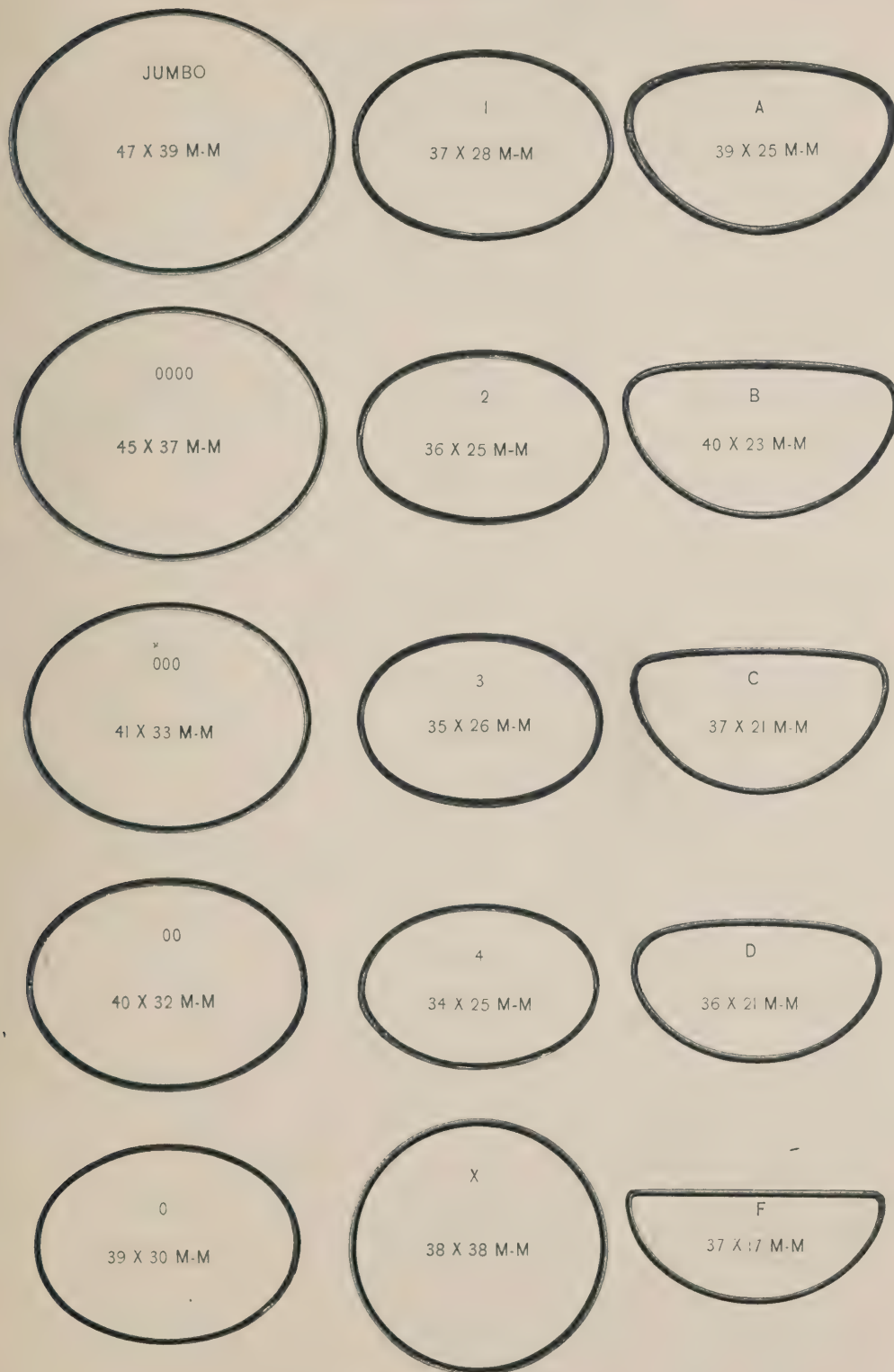
NOTICE, *Continued.*

1. **FOR GOLD, SILVER, German Silver, Alumnico, Gold-Filled and Roman Alloy Spectacles,** the unit figure of list number indicates :—

<ol style="list-style-type: none"> 0. Flat eye wire, flat temple. 1. Oval eye wire, flat temple. 2. Oval eye wire, round temple. 3. Oval eye wire, half-round temple. 4. Beveled eye wire, flat temple. 	<ol style="list-style-type: none"> 5. Round eye wire, riding temple, grooved lenses. 6. Oval eye wire, riding temple. 7. Oval eye wire, half riding temple. 8. Short end piece.
--	---
2. **IN GOLD GOODS** “ $\frac{1}{2}$ ” means heavy, and adds 1 dwt. per pair in 14-K; “ $\frac{1}{4}$ ” adds $\frac{1}{2}$ dwt. per pair in 14-K; “ $\frac{1}{8}$ ” indicates heavy Bridge with extra weight.
3. **ALL STRAIGHT TEMPLE GOLD SPECTACLES** are made with Oval Wire C. Bridges, and Riding with Broad C. Bridges, unless otherwise ordered.
4. **BROAD BRIDGES** can be used on all Gold goods. We do not recommend them on light Straight Temple goods.
5. **ALL STRAIGHT TEMPLE GOLD SPECTACLES** heavier than No. 710, and Riding heavier than No. 716, can be made with “Showy” Bridges (extra wide at crest), without extra charge. If desired, the same goods can be made with Showy Oval Wire Bridges (the same width the entire length).
6. **THE BETTER QUALITIES** of Eyeglasses made with corrugated straps to hold cork when desired.
7. **ELECTROTYPES OF OUR GOODS,** for illustrating catalogues or advertising, furnished when required, at small expense.
8. **MANY GOODS** are damaged by using defective screw-drivers. In removing screws from any goods use screw-drivers that are properly pointed to fit the slot. We furnish screw-drivers in three sizes (see cut, page 88).
9. **WE ARE EQUIPPED** with the latest improved Box-Making Machinery, and are prepared to furnish boxes to the trade. Special sizes and styles made to order.
10. **WE RECOMMEND** the “Marsh Opticians’ Record Book” for prescription work, and furnish the same to the trade.
11. **WE ADVISE THAT EYEGLASSES** be made without catch and catchpin. The closing of Eyeglasses causes more damage to Lenses and strain to Springs than when in use. Goods made without catch when so ordered.
12. **WE RECOMMEND** that Rimless goods be made with dull edge Lenses.
13. **WE INVITE CORRESPONDENCE** from any parties wishing to get out any special article or line of goods.

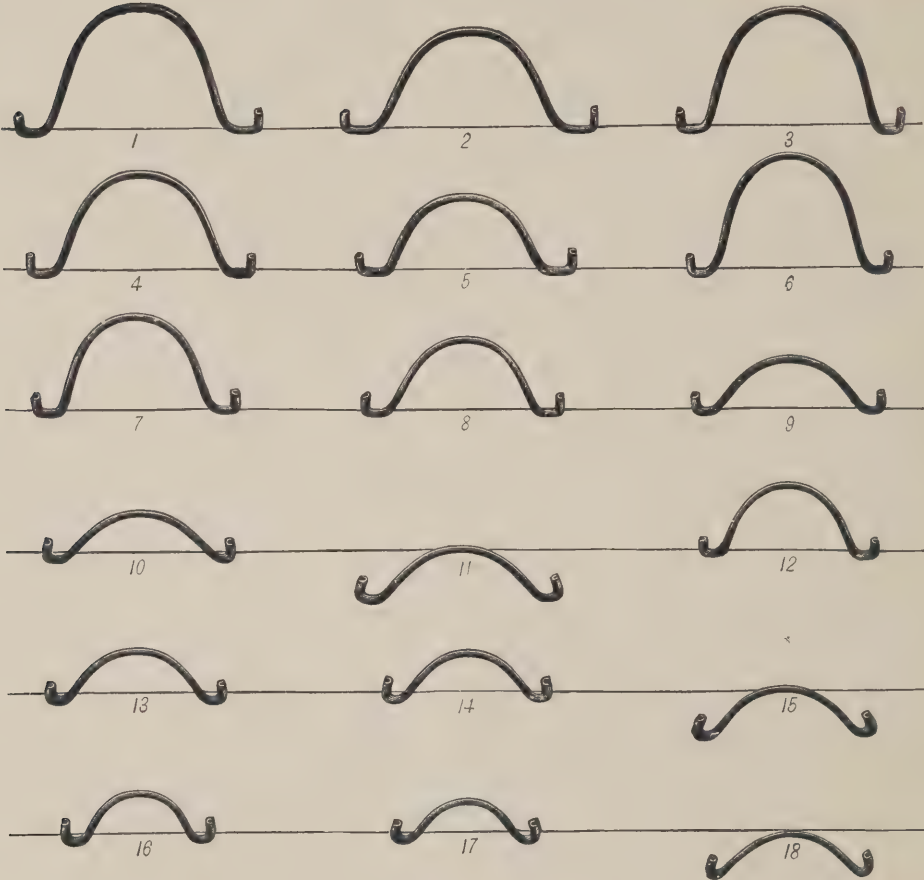
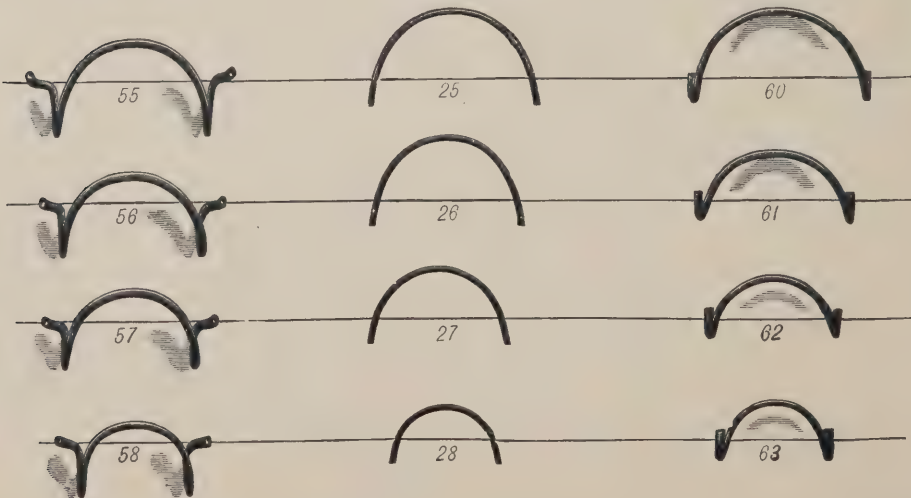
(See page 5.)

STANDARD EYE SIZES.



Any size or shape of Eye made to order.

BRIDGES.

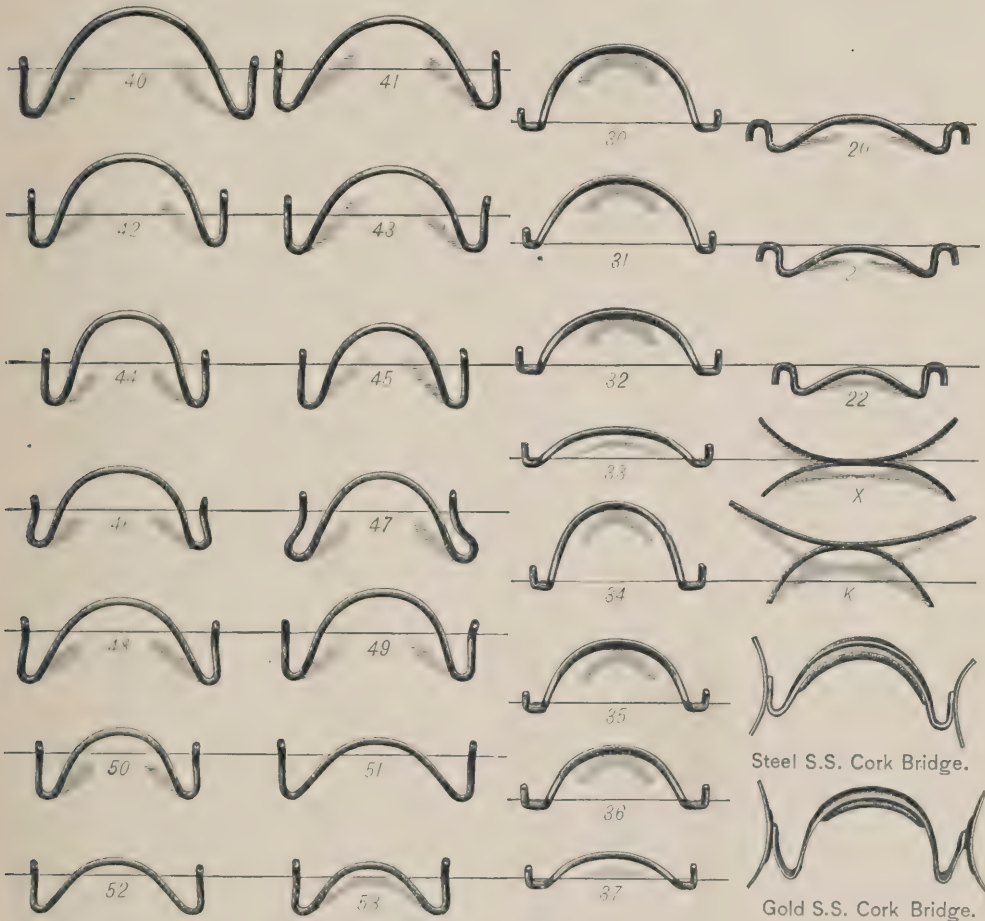
C. (Common.)*S.S.S**Hoop.**Band.*

BRIDGES.

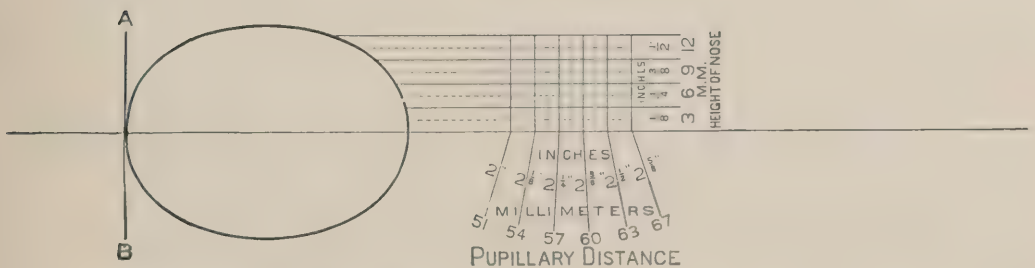
S. S. (*Saddle.*)

S. (*Snake.*)

C. C.



See p. 10



To measure the pupillary distance of any size of Eye Spectacles, place the left end of the Eye where it joins the end piece over the lines at the left-hand end of the cut. The figures at the right-hand end of the Nose Piece will give the pupillary distance.

To measure the height of the Nose Piece, place the center of the end pieces on the line, and the figures on the horizontal lines will give the height.

SADDLE (S.S.) SYSTEM.

DIMENSIONS IN INCHES AND MILLIMETERS.						
P. D.	HEIGHT.					P. D.
Inches	0	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	Mm.
$2\frac{1}{8}$	L	L ¹	L ²			54
$2\frac{1}{4}$	M	M ¹	M ²	M ³		57
$2\frac{3}{8}$	N	N ¹	N ²	N ³		60
$2\frac{1}{2}$	O	O ¹	O ²	O ³	O ⁴	63
$2\frac{5}{8}$	P	P ¹	P ²	P ³	P ⁴	67
	0	3	6	9	12	M M

The above system is for convenience in ordering Frames with Saddle (S.S.) Bridges, and enters more into the detail of the matter than the system used on page 9; but either system may be used in ordering. By way of explanation it will be seen that an L Frame will be $2\frac{1}{8}$ P.D., with a Saddle Bridge the top of which is on line with center line of Lenses, or O high. L¹ would be $2\frac{1}{8}$ P.D., with a Saddle Bridge $\frac{1}{8}$ inch high above center line of Lenses; and so on through each letter. All the L's are $2\frac{1}{8}$ inch P.D., the M's are $2\frac{1}{4}$, the N's are $2\frac{3}{8}$, the O's are $2\frac{1}{2}$ and the P's are $2\frac{5}{8}$ P.D. Where no numeral is added to letter (L), the Bridges will always be O high; where the numeral 1 is added (L¹), the Bridge is $\frac{1}{8}$ inch high; where 3 is added (N³), it is $\frac{3}{8}$ inch high; and where 4 is added (O⁴), it is $\frac{1}{2}$ inch high. The dimensions at the top and left hand of the diagram are given in inches, those at the bottom and right hand in millimeters, for the convenience of those who use the Metric System. All the above measurements are based on Frames with a No. 1 size Eye, but can be used on Nos. 2 and O Eye. Where all the different dimensions are not carried in stock, they can be made by bending the Bridge. For example: an N¹ is $2\frac{3}{8}$ P.D. and $\frac{1}{8}$ inch high; and by bending the Bridge $\frac{1}{8}$ inch shorter (which will make it $\frac{1}{8}$ inch higher) it will be made into an M², which is $2\frac{1}{4}$ P.D. and $\frac{1}{4}$ inch high; and by bending the Bridge on N¹ to make it $\frac{1}{8}$ inch longer (which will make it $\frac{1}{8}$ inch lower), it will be made into an O, which is $2\frac{1}{2}$ P.D. and O high; and in like manner an N² can be made into an O¹, going diagonally from right to left down, with the exception of the L's, which, owing to the shortness of the P.D. and form of Bridge, cannot well be changed.

When using the above system do not give measurements, but simply the *letter* or *letter and exponent* indicating the desired dimension. If sizes are required not covered by the systems on pages 9 and 10, then give the dimensions wanted. (See page 5, note 5, for the assortment used when no dimensions are stated in the order.)

(Read pages 5 to 12 when ordering.)

STEEL

SPECTACLES AND EYEGLASSES.

(SEE PAGES 5 TO 12.)

We advise all Eyeglasses to be made without catches and catch pins. The closing of Eyeglasses causes more damage to Lenses and strain to Springs than ordinary use and wear. Goods made as above when desired.

ASK FOR THE AMERICAN OPTICAL COMPANY'S GOODS AND BE SURE THAT YOU GET THEM.

BEFORE ORDERING READ PAGES 5 TO 12.

When ordering

- Give Catalogue number.
- Give color, if other than Blue.
- Give style of Bridge, if other than C.
- Give size of Eye.
- Give kind and quality of Lenses.

When Steel Goods are desired Bronzed or Nickel Plated do not fail to so state.

We make an adjustable angular Temple. This device enables the wearer to change his Spectacles from Straight to Angular, while on the face. (See cut, page 15.)

Any style of Spectacles made angular when so ordered. Special lines and styles of goods made to suit customers.

NOTE.

Any of our Steel Spectacles, Blue, Bronze or Nickel, can be furnished with solid Gold, Silver, Gold-Filled, Alumnico, German Silver or Roman Alloy Bridges; also with Bridges lined with cork or shell.

We would call special attention to our Patent Open Post and Double Post Eyeglasses (see pages 28, 53 and 65). These have been in use long enough to test their practicability. If the opticians will use care in inserting Lenses in these Frames, they will prove entirely satisfactory. Always use narrow nose pliers to hold parts of Posts together while inserting the screw. We can furnish pliers if desired.

NOTE.

When small samples are enclosed with an order, they should be attached to the order and thus preclude possible loss. If sent by merchandise mail, the customer's card or name should appear on the sample or the wrapper.

Do not mix orders with other business matters; give orders on separate sheets.

STEEL SPECTACLES.



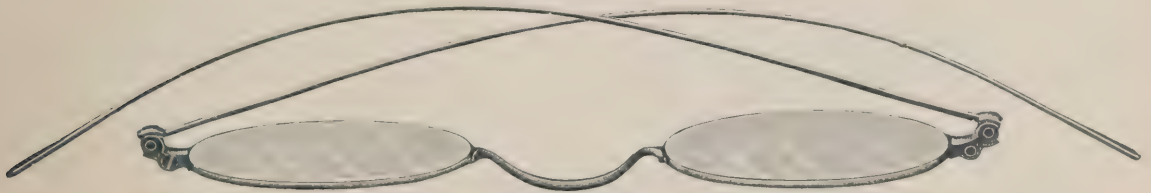
- No. 30. Fair Quality, Oval Wire Bridge.
 No. 50. Good Quality, Oval Wire Bridge.
 No. 57. Same as 50, except Half Riding Temple.
 No. 60. Good Finish, Oval Wire Bridge.
 No. 63. Same as 60, except Half Round Temple.
 No. 67. Same as 60, except Half Riding Temple.



- No. 70. Good Finish, Beveled End Piece, Broad Bridge.
 No. 71. Same as 70, except Turnpin Temple.
 No. 73. Same as 70, except Half Round Temple.



- No. 80. Good Quality and Finish, Broad Bridge.
 No. 83. Same as 80, except Half Round Temple.



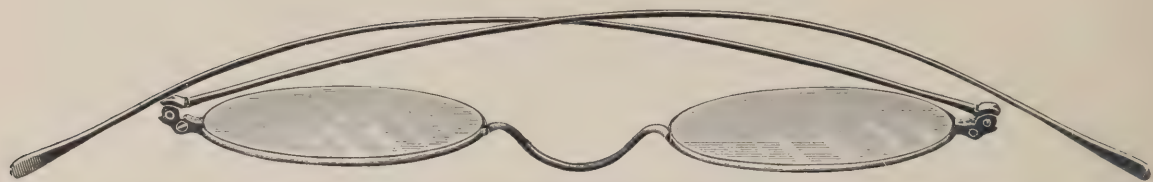
- No. 102. Ball Joint, Riveted Round Temple, Broad Bridge.
 No. 103. Same as 102, except Half Round Temple.
 No. 122. Fine Finish, Ball Joint, Riveted Round Temple, Broad Bridge.
 No. 123. Same as 122, except Half Round Temple.



- No. 113. Ball Joint, Solid Half Round Temple, Broad Bridge.
 No. 133. Fine Finish, Ball Joint, Solid Half Round Temple, Broad Bridge.

(See pages 5 and 12.)

STEEL SPECTACLES.



No. 143. Extra Fine, Light Ball Joint, Solid Half Round Temple, Broad Bridge.



No. 150. Good Quality and Finish, Broad Bridge.

No. 152. Same as 150, except Round Temple.

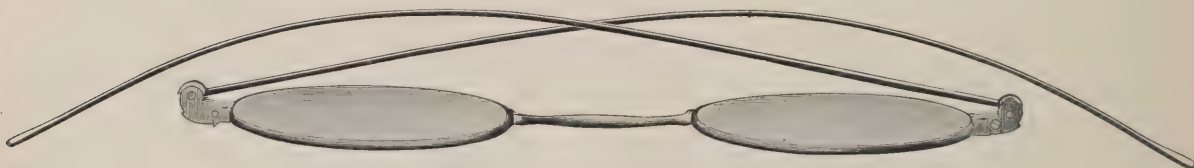
No. 153. Same as 150, except Half Round Temple.

No. 151. Same as 150, except Turnpin Temple.

No. 160. Fine Finish, Broad Bridge.

No. 163. Same as 160, except Half Round Temple.

No. 167. Same as 160, except Half Riding Temple.



No. 170. Fine Finish, Broad Bridge.

No. 173. Same as 170, except Half Round Temple.



No. 183. Fine Finish, Flat Top Bridge, Half Round Temple.

No. 182. Same as 183, except Round Temple.

No. 188. Same as 183, except Short End Piece, Solid Temple, Broad Bridge.



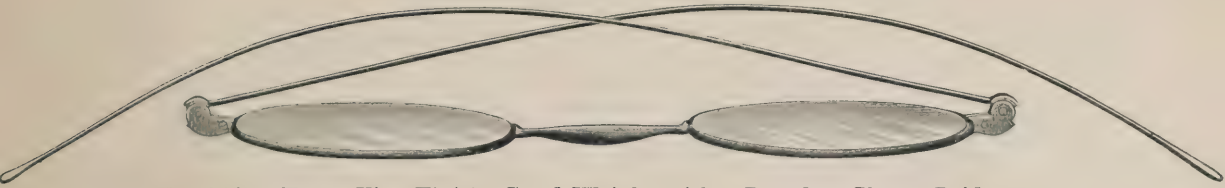
No. 193. Extra Fine Finish, Extra Light, Broad Bridge, Half Round Temple.

No. 192. Same as 193, except Round Temple.

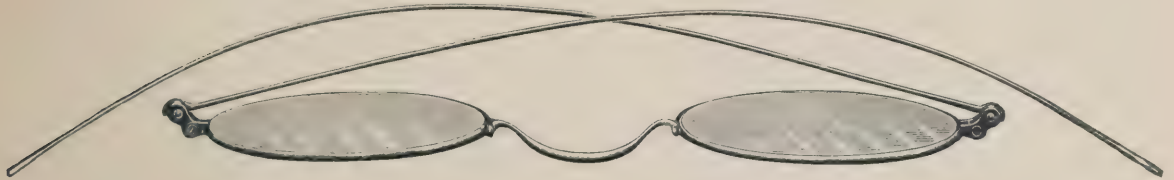
Nos. 193 and 192 furnished with S. or S.S. Bridges without extra charge.

(See pages 5 and 12.)

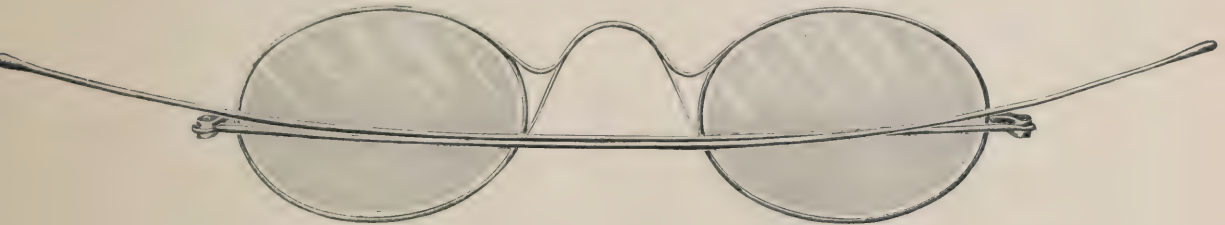
STEEL SPECTACLES.



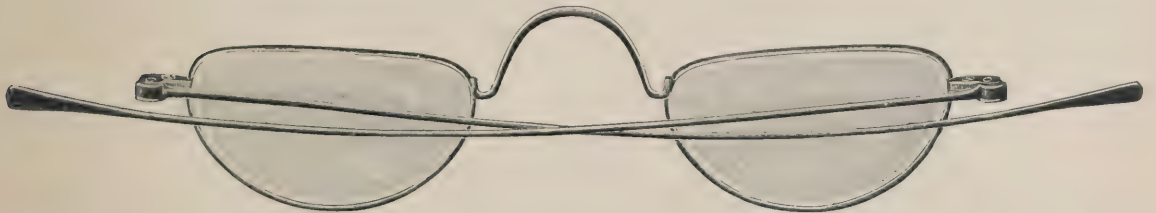
- No. 240. Extra Fine Finish, Good Weight, either Broad or Showy Bridge.
 No. 243. Same as 240, except Half Round Temple.
 No. 248. Same as 243, except Short End Piece and Solid Temple.
 The above furnished with S. or S.S. Bridges at the same prices.



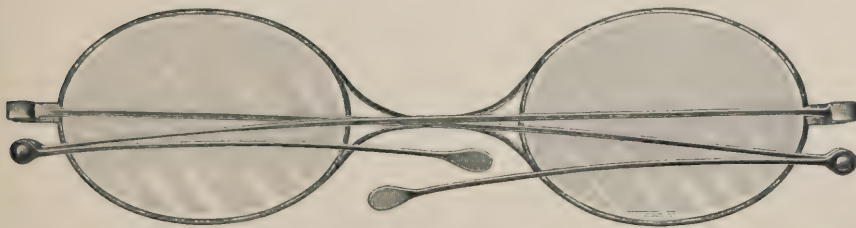
- No. 273. Same quality as 123, Short End Piece, Solid Temple, Broad Bridge.
 No. 272. Same as 273, except Round Temple.
 No. 277. Same as 272, except Half Riding Temple. (See cut of 157.)



- No. 272 "Liebold." Same as 272, except with "Liebold" Bridge and Angular.
 Made in any quality Frame and in any Metal.

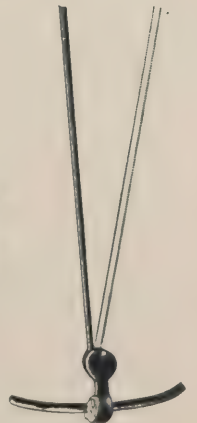


- No. 153. "C." Half Eye. Made in any quality Frame.

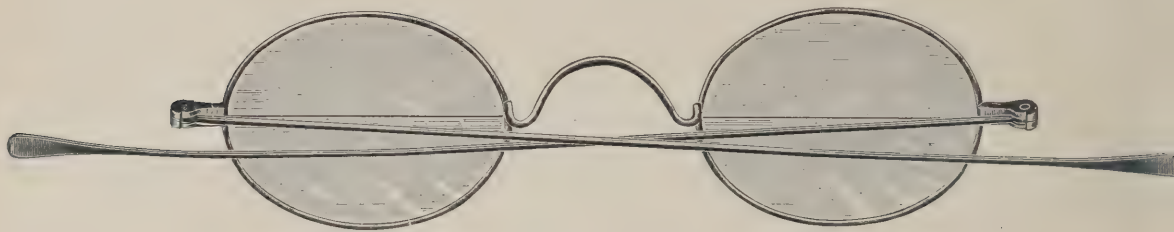


- No. 151. Same quality as 150, Turnpin Temple, X Bridge. Any finish.
 Adjustable Angular Temples made on any goods desired.

(See pages 5 and 12.)



STEEL SPECTACLES.



No. 20. Split Bifocal Lenses, Cheap Tempered Frame.

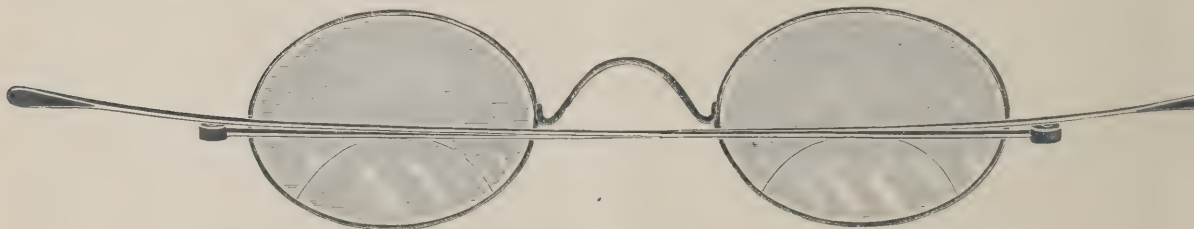


No. 70. Split Bifocal Lenses.

No. 30. Split Bifocal Lenses.

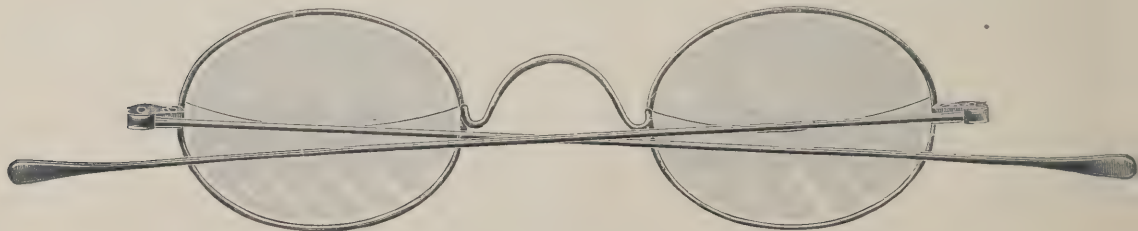
No. 50. Split Bifocal Lenses.

No. 150. Split Bifocal Lenses.



No. 150. Perfection Bifocal Lenses. Furnished in any quality Frame.

No. 150. Cemented Bifocal Lenses. Furnished in any quality Frame.



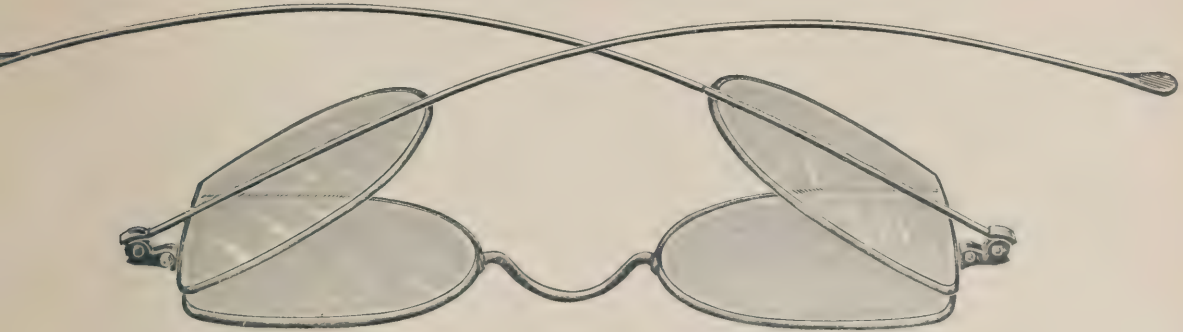
No. 150. Whole Bifocal Lenses. Furnished in any quality Frame.



Children's Spectacle. Made in any quality.

(See pages 5 and 12.)

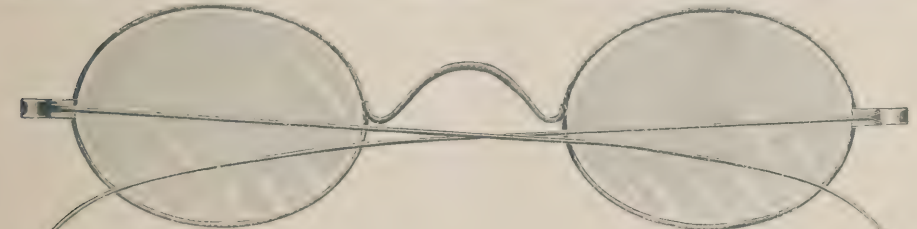
STEEL SPECTACLES.



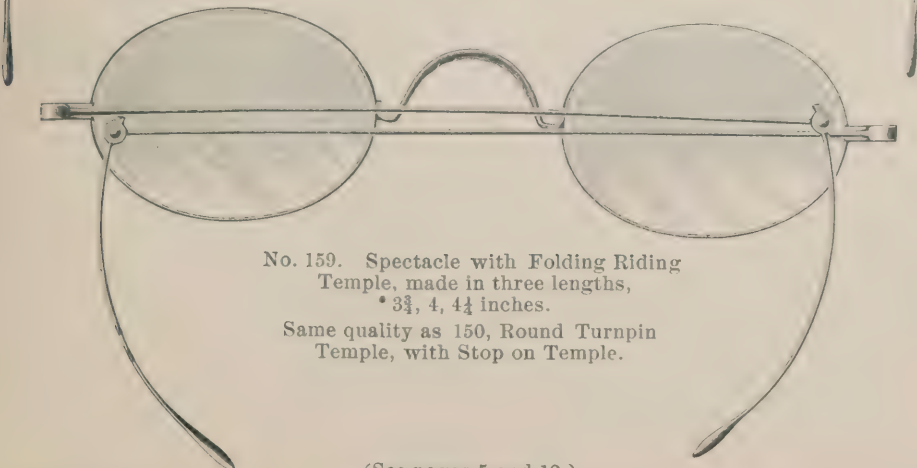
No. 200. Horseshoe-shaped Double Eye. No. 306. Same as 200, except Riding Temple. Made in three sizes, Small, Medium and Large. This cut is Medium.



No. 210. Oval Shaped Double Eye. Good quality. Also furnished with Riding Temple.



No. 157. Same as 150, except Half Riding Temple. Any quality Steel Spectacles made with this style Temple.



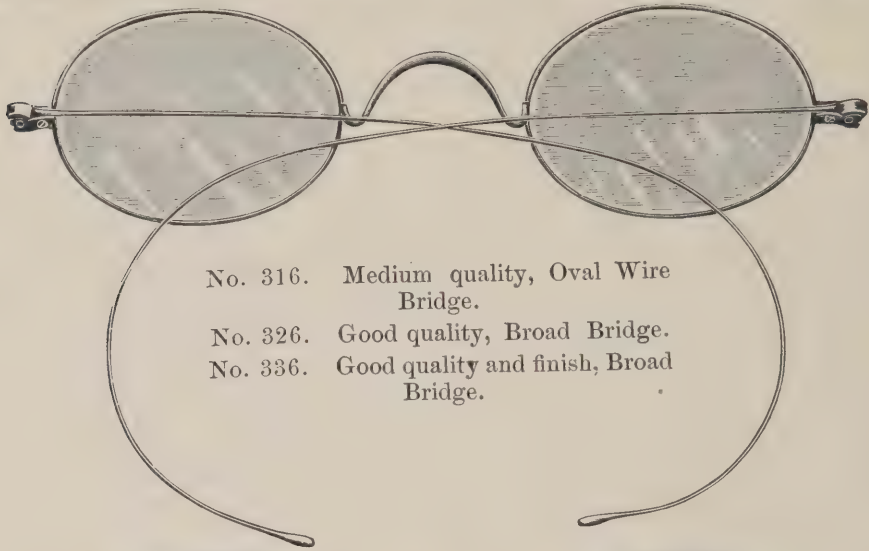
No. 159. Spectacle with Folding Riding Temple, made in three lengths, $3\frac{1}{4}$, 4, $4\frac{1}{4}$ inches.

Same quality as 150, Round Turnpin Temple, with Stop on Temple.

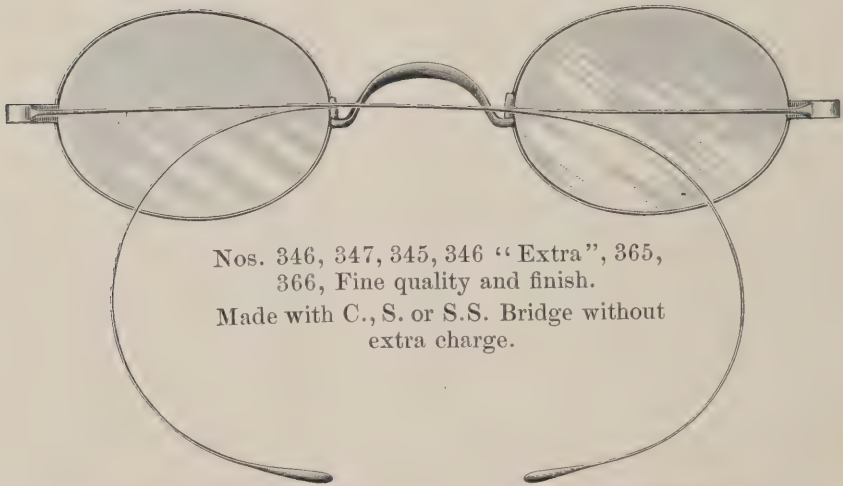
(See pages 5 and 12.)

STEEL RIDING.

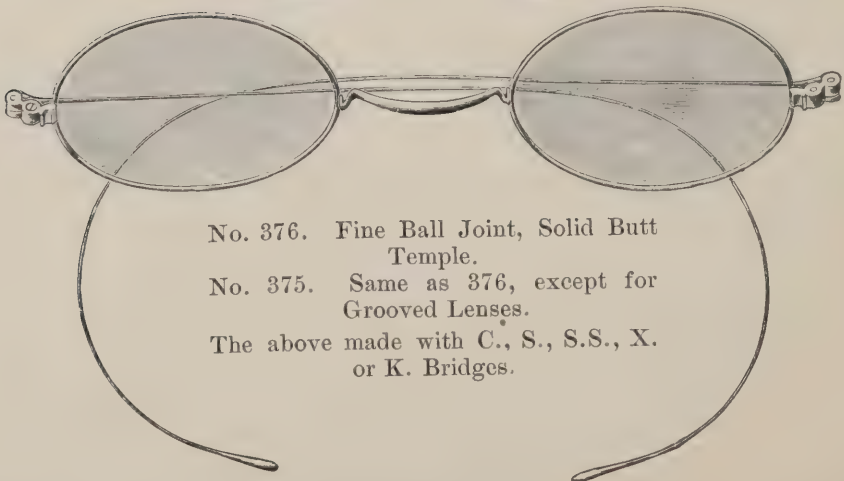
All Riding Temple Frames are made with C. Bridges unless ordered otherwise.



- No. 316. Medium quality, Oval Wire Bridge.
 No. 326. Good quality, Broad Bridge.
 No. 336. Good quality and finish, Broad Bridge.



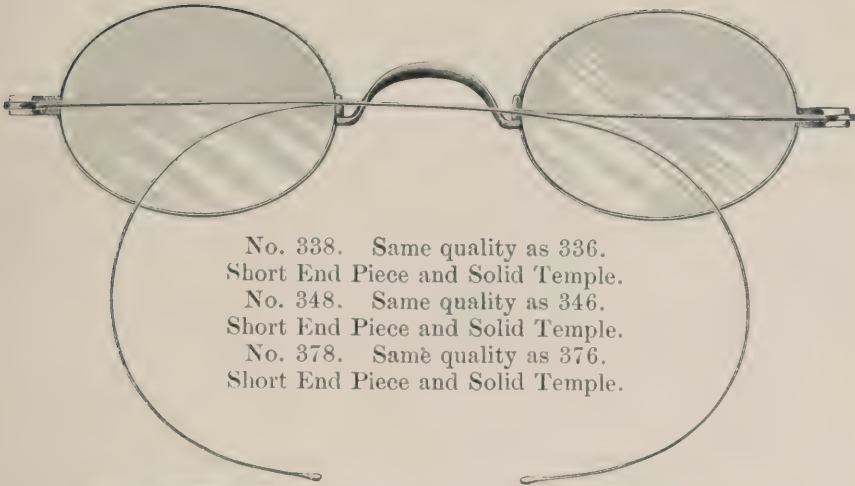
- Nos. 346, 347, 345, 346 "Extra", 365, 366, Fine quality and finish.
 Made with C., S. or S.S. Bridge without extra charge.



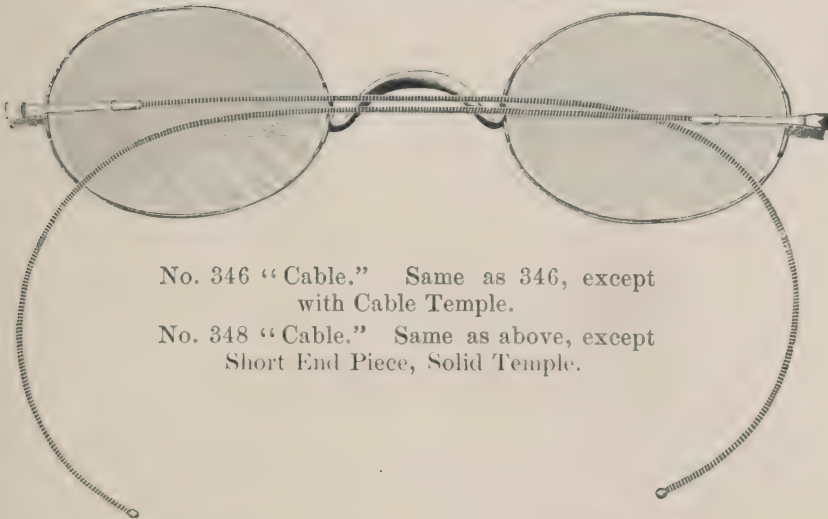
- No. 376. Fine Ball Joint, Solid Butt Temple.
 No. 375. Same as 376, except for Grooved Lenses.
 The above made with C., S., S.S., X. or K. Bridges.

(See pages 5 to 12.)

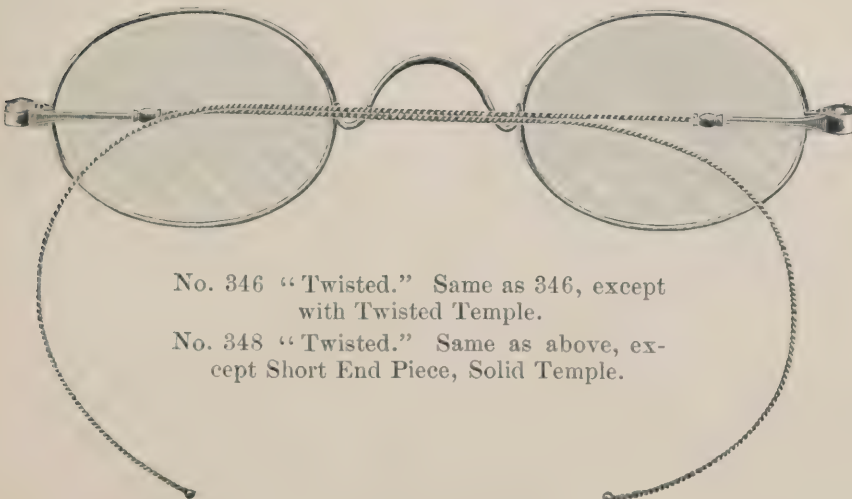
STEEL RIDING.



No. 338. Same quality as 336.
Short End Piece and Solid Temple.
No. 348. Same quality as 346.
Short End Piece and Solid Temple.
No. 378. Same quality as 376.
Short End Piece and Solid Temple.



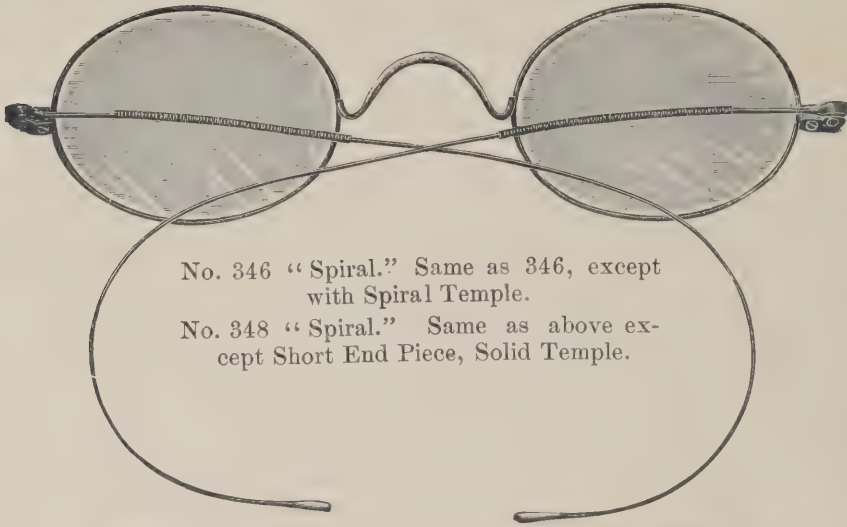
No. 346 "Cable." Same as 346, except
with Cable Temple.
No. 348 "Cable." Same as above, except
Short End Piece, Solid Temple.



No. 346 "Twisted." Same as 346, except
with Twisted Temple.
No. 348 "Twisted." Same as above, ex-
cept Short End Piece, Solid Temple.

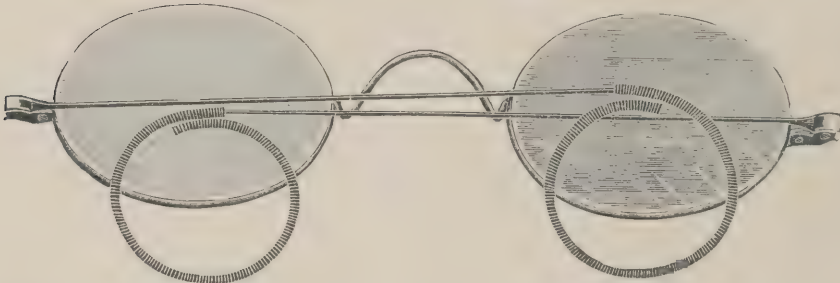
(See pages 5 to 12.)

STEEL RIDING.



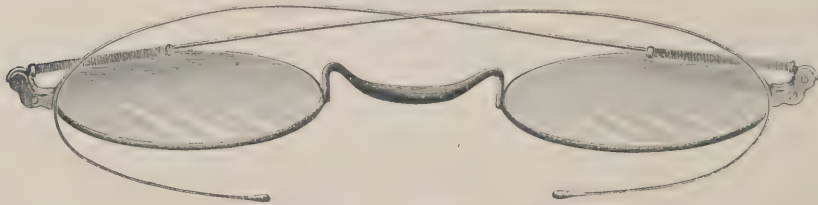
No. 346 "Spiral." Same as 346, except with Spiral Temple.

No. 348 "Spiral." Same as above except Short End Piece, Solid Temple.

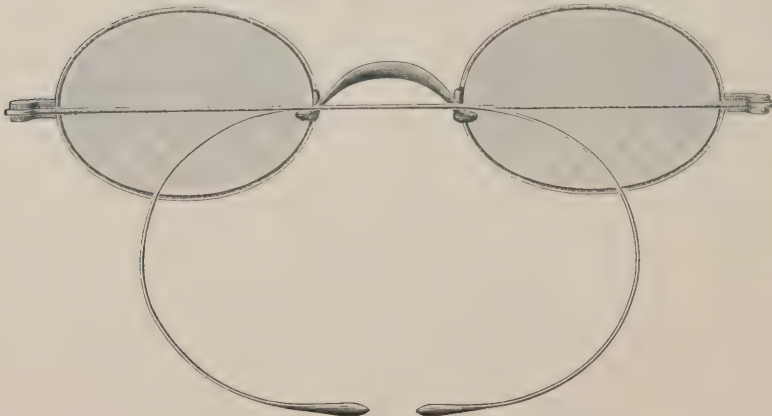


No. 346 "Spiral Tip." Same as 346, except with Spiral Tip Temple.

No. 348 "Spiral Tip." Same as 348, except with Spiral Tip Temple.



No. 348. Adjustable Temple.



Children's Riding. Made in any quality.

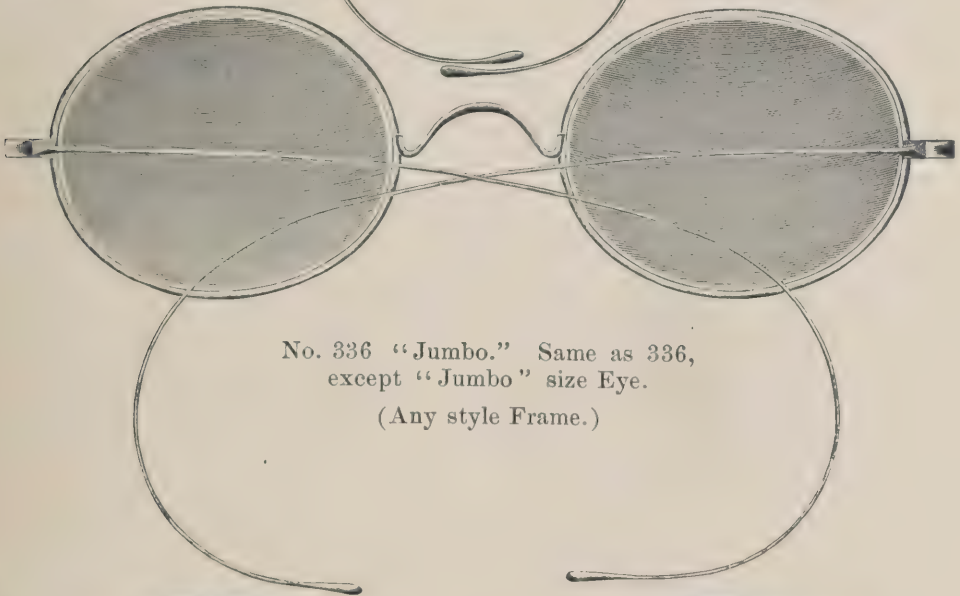
(See pages 5 to 12.)

STEEL COQUILLE RIDING.

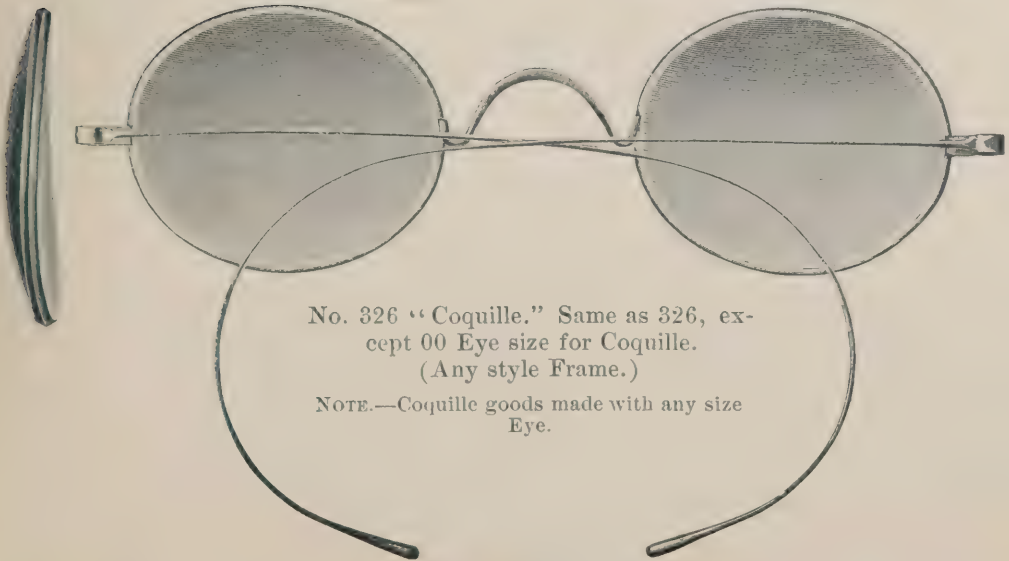


No. 342. Folding Coquille.

Jointed Bridge.



No. 336 "Jumbo." Same as 336,
except "Jumbo" size Eye.
(Any style Frame.)

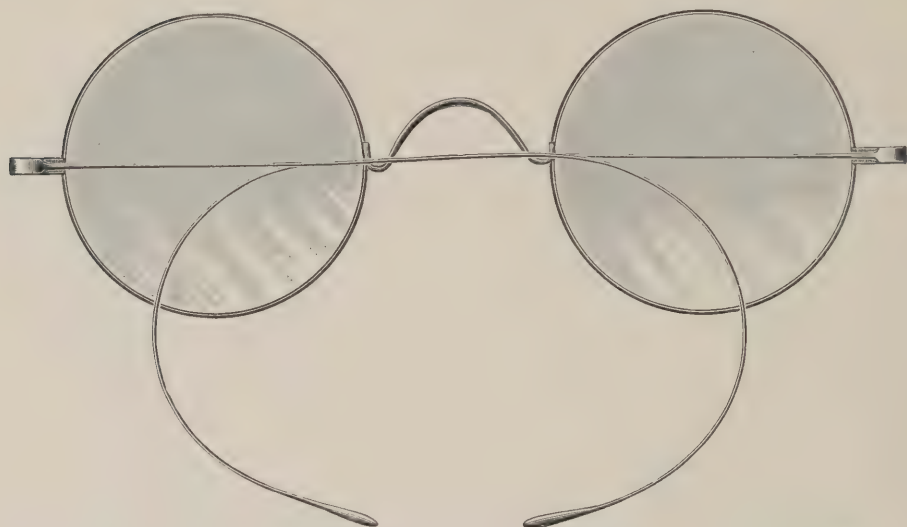


No. 326 "Coquille." Same as 326, ex-
cept 00 Eye size for Coquille.
(Any style Frame.)

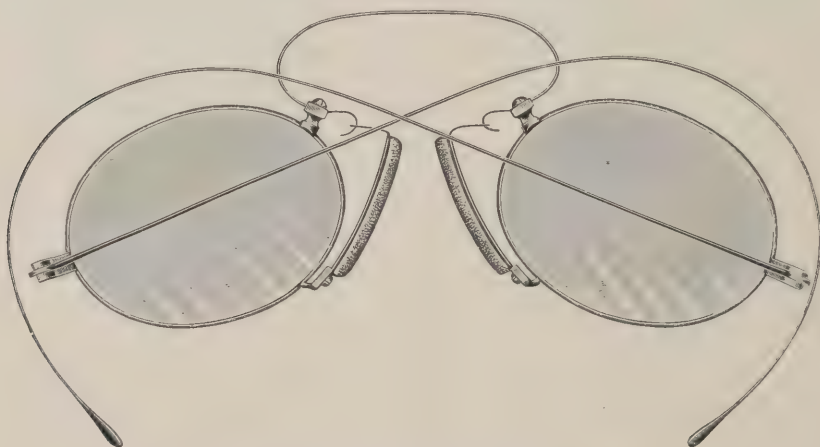
NOTE.—Coquille goods made with any size
Eye.

(See pages 5 to 12.)

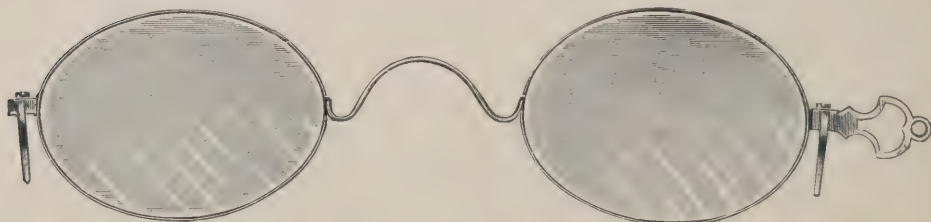
STEEL RIDING AND GRAB FRONTS.



No. 316 "Miller." Same quality as 316, for Millers and Stone Cutters.



No. 480 "Riding." 480 Eyeglass with Riding Temple.



No. 349. Light Weight Grab Front, with Handle and Hooks.

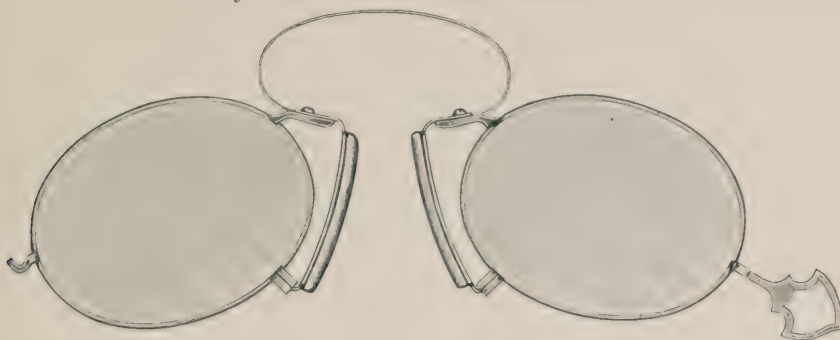


No. 349 "Half Eye." Light Weight Grab Front, with Handle and Hooks.
Grab Fronts can be made in all Metals.

(See pages 5 to 12.)

STEEL EYEGLASSES.

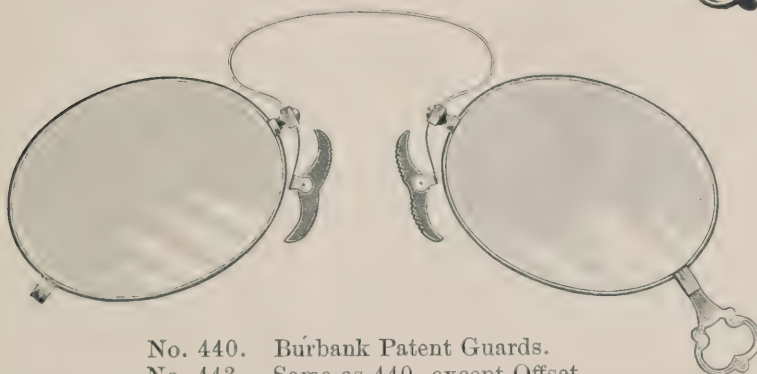
Handle or Catch Sides, any size, with or without Guards, furnished when desired.



No. 420. Common Finish.

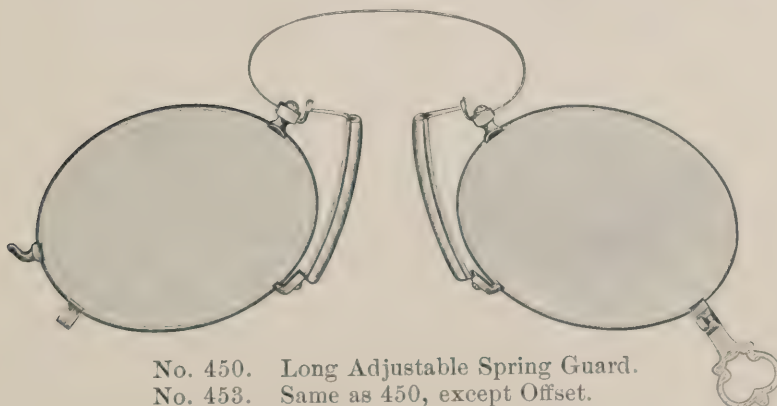


No. 430. Good Finish.



No. 440. Burbank Patent Guards.

No. 443. Same as 440, except Offset.



No. 450. Long Adjustable Spring Guard.

No. 453. Same as 450, except Offset.

(See page 12.)

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

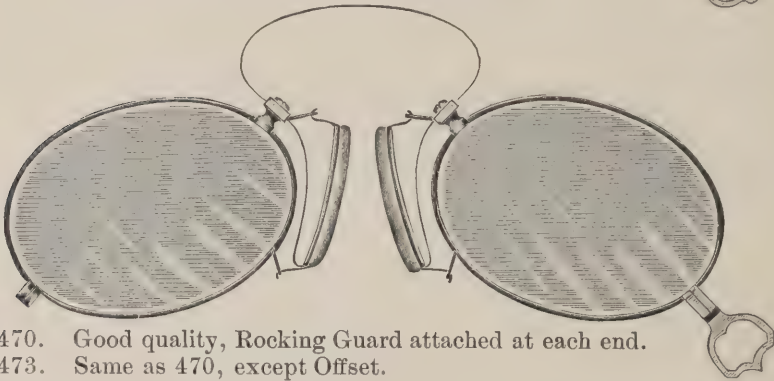
AMERICAN OPTICAL COMPANY

STEEL EYEGLASSES.



No. 460. Adjustable Spring Guard.

No. 463. Same as 460, except Offset.



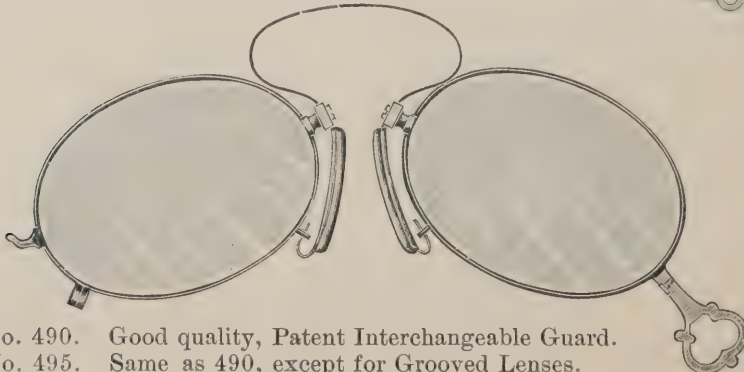
No. 470. Good quality, Rocking Guard attached at each end.

No. 473. Same as 470, except Offset.



No. 480. Fine finish, Adjustable Spring Guard.

No. 483. Same as 480, except Offset.

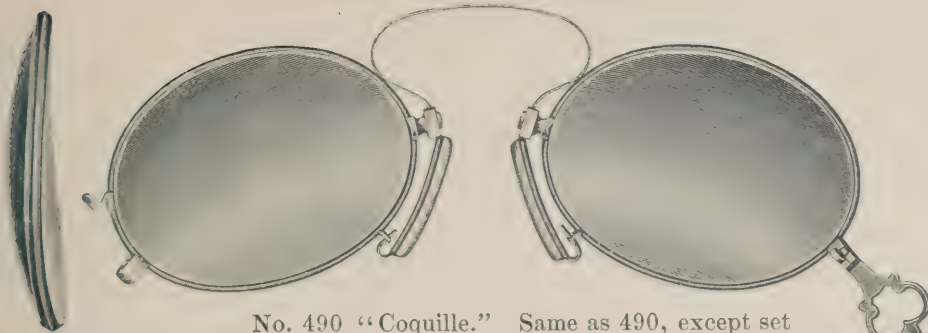


No. 490. Good quality, Patent Interchangeable Guard.

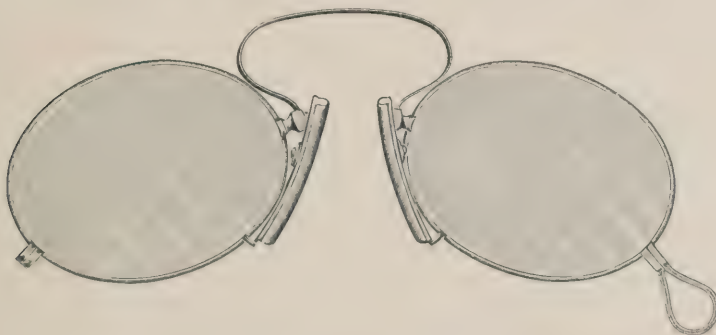
No. 495. Same as 490, except for Grooved Lenses.

(See page 12.)

STEEL EYEGLASSES.



No. 490 "Coquille." Same as 490, except set with Coquille Lenses. (Any style Frame.)



No. 491. Same as 490, except with Long Offset Guard.



No. 493. Same quality as 490, Offset Guard.

No. 492. Same as 493, except Adjustable Offset.

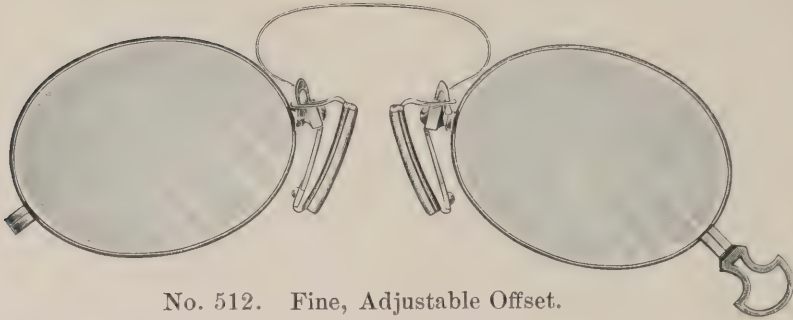


No. 500. Good quality, Adjustable Guard.

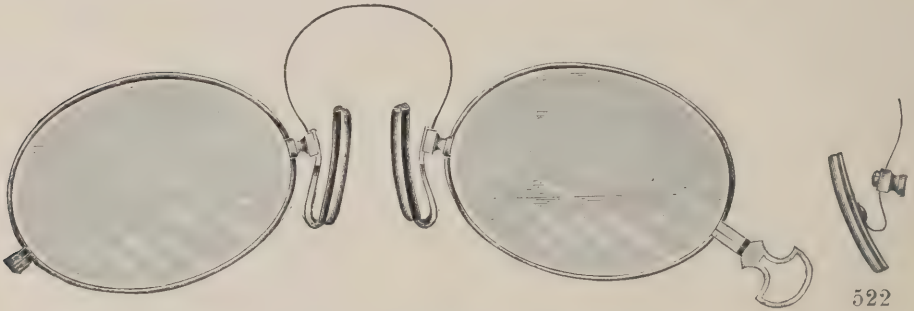
No. 503. Same as 500, except Offset.

(See page 12.)

STEEL EYEGLASSES.

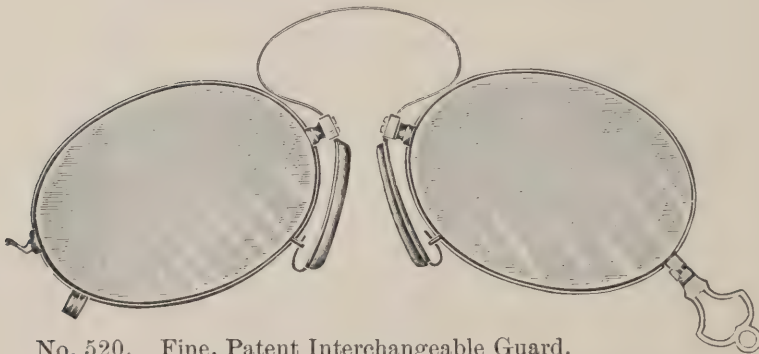


No. 512. Fine, Adjustable Offset.



No. 513. Fine, Adjustable Guard, Offset.

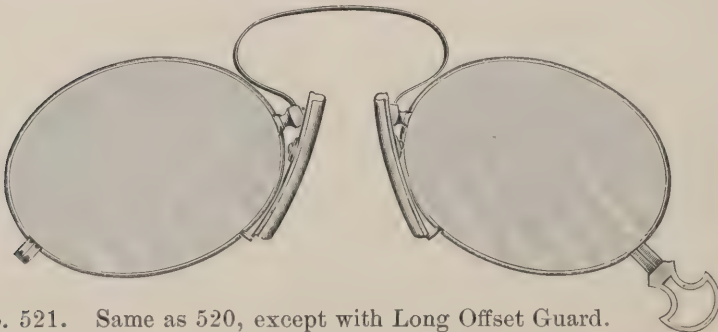
No. 522. Fine, Adjustable Guard, Offset.



No. 520. Fine, Patent Interchangeable Guard.

No. 525. Same as 520, except for Grooved Lenses.

No. 520-B. Half Eye. (See cut, page 44.)



No. 521. Same as 520, except with Long Offset Guard.

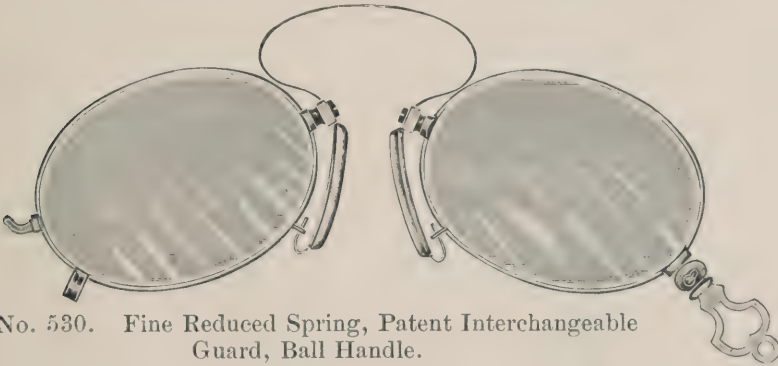
(See page 12.)

STEEL EYEGLASSES.



No. 523. Same quality as 520, with Offset Guard.

No. 523-B. Half Eye, Offset Guard. (See Half Eye cut, page 44.)



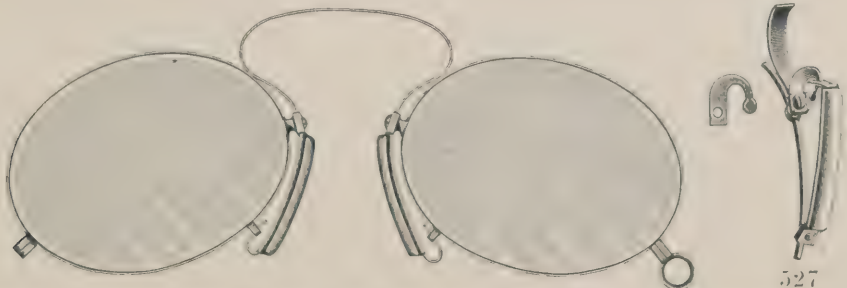
No. 530. Fine Reduced Spring, Patent Interchangeable Guard, Ball Handle.



No. 540. Extra Fine, Extra Finish, Reduced Spring, Zylonite Guard, Bolstered Handle.

No. 545. Same as 540, except for Grooved Lenses.

Nos. 540 and 545 are always made with Zylonite Guards unless ordered with Cork.

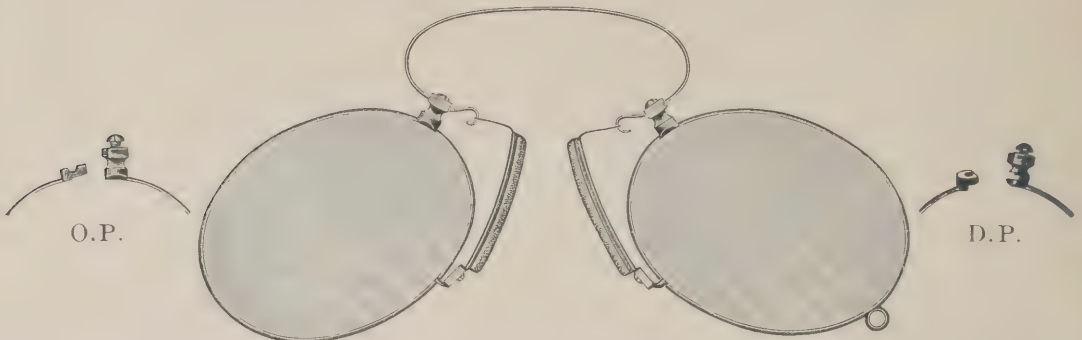


527

No. 526. Fine, Patent Interchangeable Guard, Short Stud, Light Ring Handle.

No. 527. Fine, Adjustable Guard (see cut of Guard and Hanger), Light Ring Handle.
(See page 12.)

STEEL OPEN POST AND BAR SPRING EYEGLASSES.



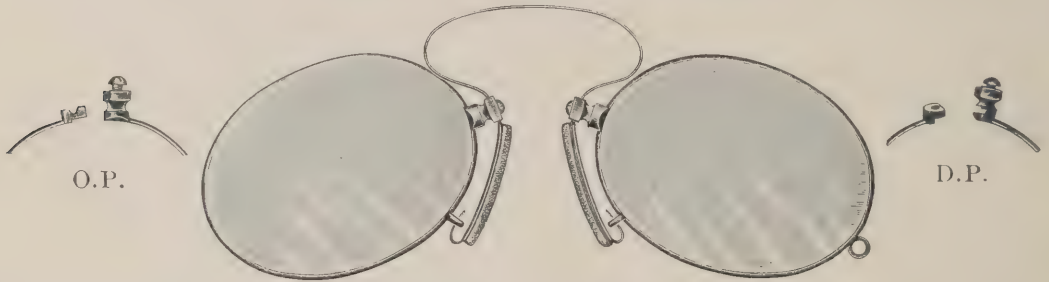
No. 480-O.P. Same as 480, except opens at Post.

No. 480-D.P. Same as 480, except opens at Post.

No. 483-O.P. Same as 483, except opens at Post.

No. 483-D.P. Same as 483, except opens at Post.

(For description of "O.P." and "D.P." see page 12.)



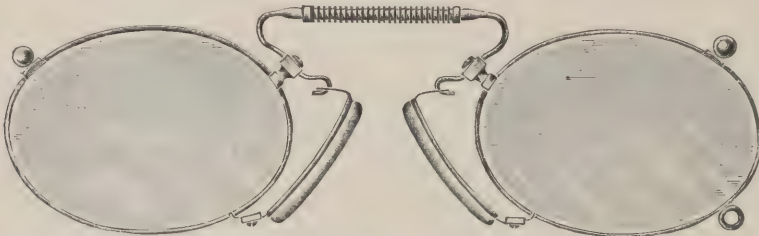
No. 520-O.P. Same as 520, except opens at Post.

No. 520-D.P. Same as 520, except opens at Post.

No. 523-O.P. Same as 523, except opens at Post.

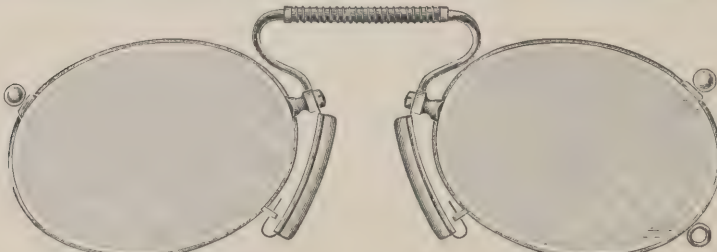
No. 523-D.P. Same as 523, except opens at Post.

(For Description of "O.P." and "D.P." see page 12.)

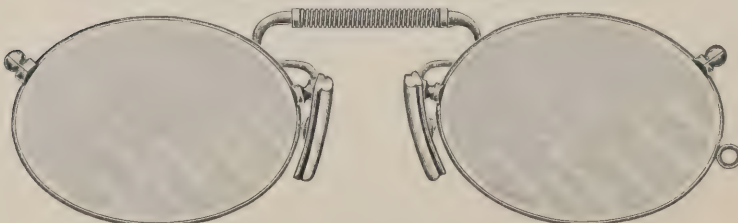


No. 480-A. Bar Spring, Adjustable Spring Guard.

No. 483-A. Same as 480-A, except Offset.



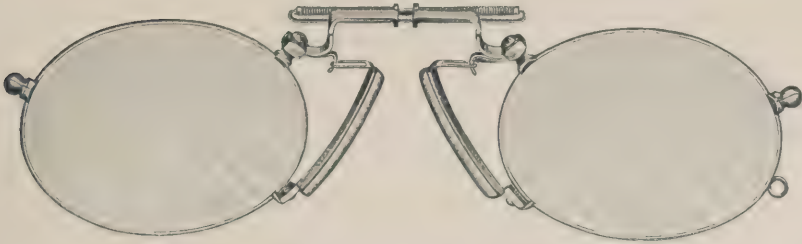
No. 520-A. Bar Spring, Patent Interchangeable Guard.



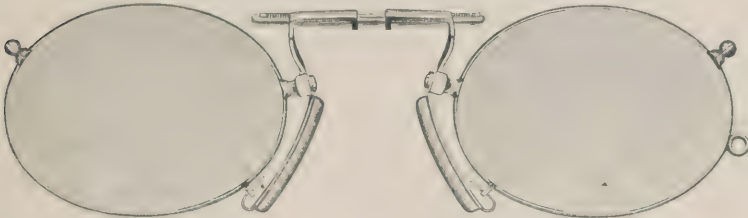
No. 523-A. Bar Spring, Offset Guard.

(See page 12.)

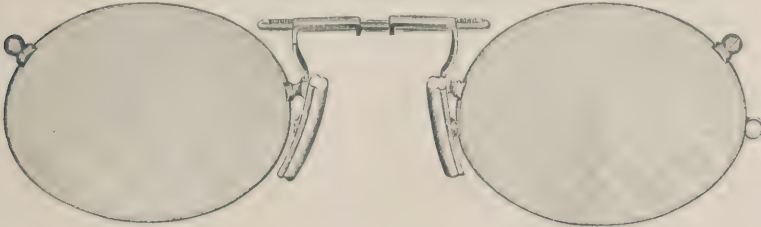
STEEL BAR SPRING EYEGLASSES.



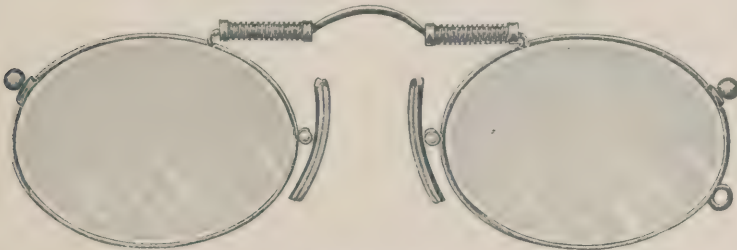
No. 480-D. Patent Bar Spring, Adjustable Spring Guard.
No. 483-D. Same as 480-D, except Offset.



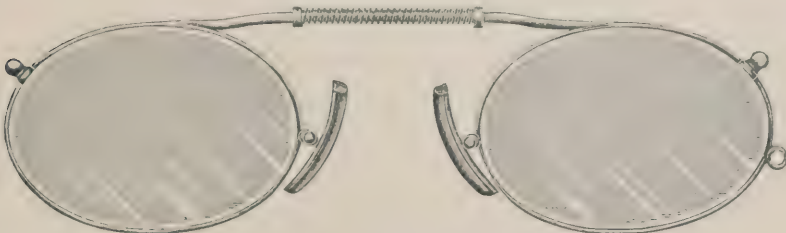
No. 520-D. Patent Bar Spring, Patent Interchangeable Guard.



No. 523-D. Same as 520-D, except with 523 Guard.



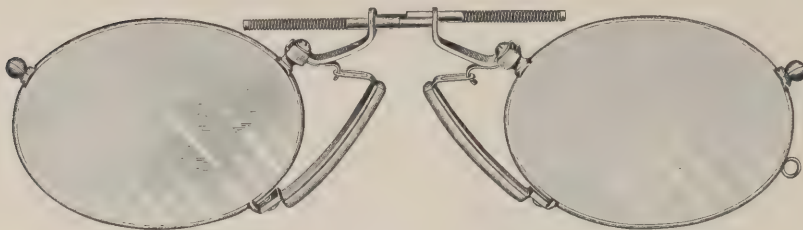
No. 532. Rigid Bar Spring (two Springs). Offset Rocking Guard.
No. 542. Same as 532, except with 523 Guard.



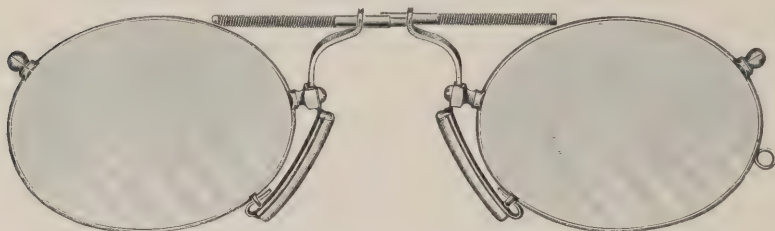
No. 533. Rigid Bar Spring, Offset Rocking Guard.
No. 543. Same as 533, except with 523 Guard.

(See page 12.)

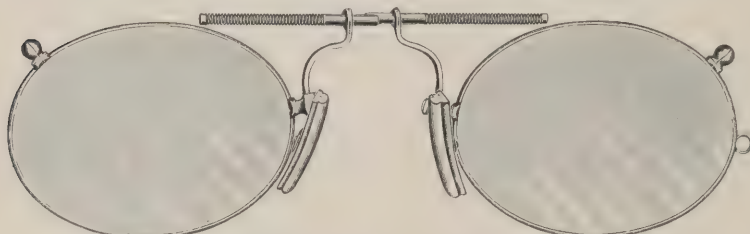
STEEL BAR SPRING EYEGLASSES.



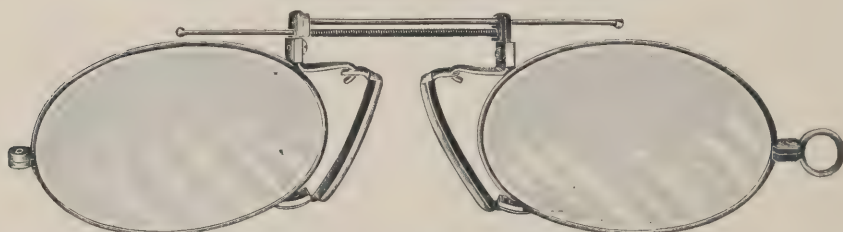
No. 480-E. Patent Bar Spring, Adjustable Spring Guard.
 No. 483-E. Same as 480-E, except Offset.



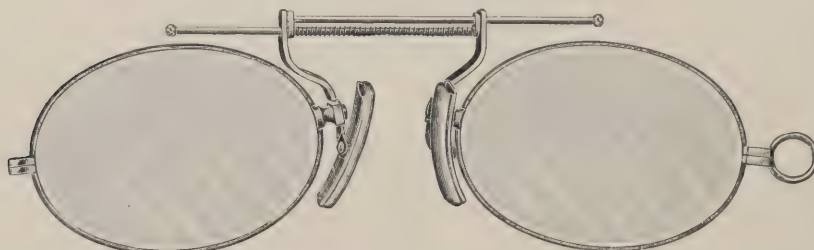
No. 520-E. Patent Bar Spring, Patent Interchangeable Guard.



No. 523-E. Same as 520-E, except with 523 Guard.



No. 480-F. Farley Patent Bar Spring, Adjustable Spring Guard.
 No. 483-F. Same as 480-F, except Offset.



No. 523-F. Farley Patent Bar Spring, Offset Guard.
 No. 520-F. Same as above, except with 520 Guard.

(See page 12.)

RIMLESS

SPECTACLES AND EYEGLASSES.

We especially recommend Frameless Eyeglasses to be made without catch.

When ordering Eyeglasses without Handles, give Catalogue number and say "No II."

Frameless goods with a special size of Eye made to order at an extra charge.

When desired, Rimless goods are made with extra finish, Rounded Straps and Studs, at an extra charge. When ordering such goods, add "R." to the Catalogue number.

Goods with countersunk Stud Screws furnished when desired at an extra charge.

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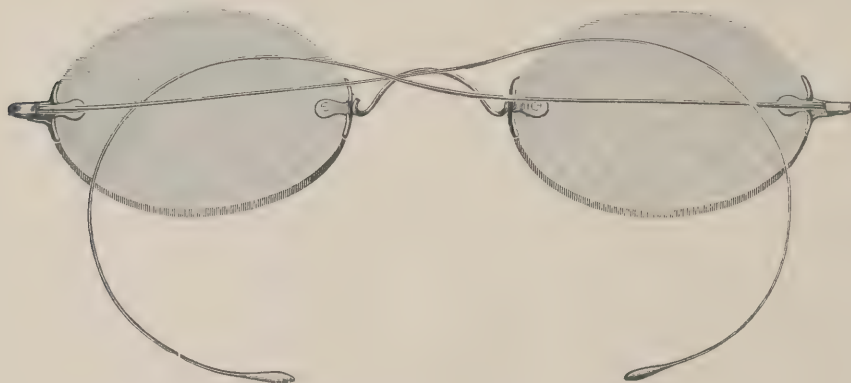
RIMLESS SPECTACLES.

All Steel Rimless Spectacles made Bronze, unless otherwise ordered.
Special size of Lenses, extra charge.



No. 383. Short End Piece, Solid Half Round Temple, Second Quality Lenses.

No. 393. Same style as 383, First Quality Lenses.



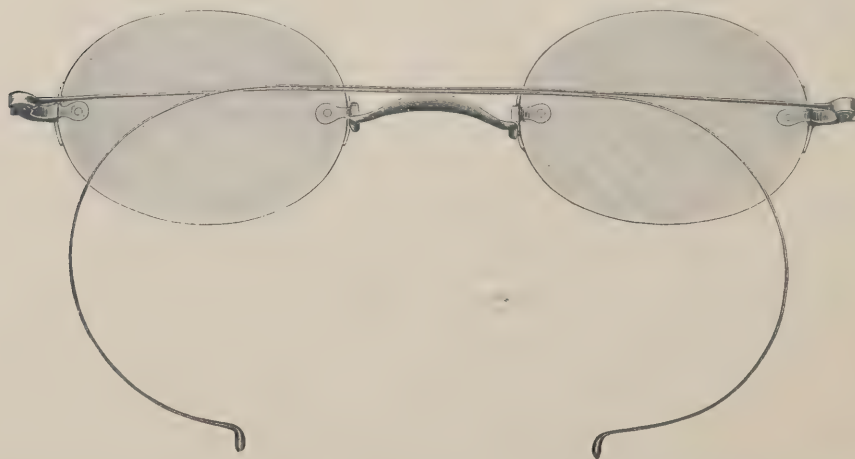
No. 388. Short End Piece, Solid Temple, Second Quality Lenses.

No. 398. Same style as 388, First Quality Lenses.

No. 398 "Alum." Same as 398, except Alumnico Mountings.

No. 398 "R.A." Same as 398, except Roman Alloy Mountings.

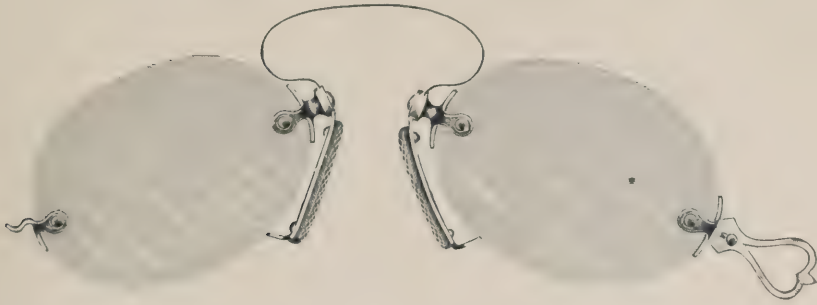
The above styles can be furnished with Cable or with Spiral, etc., Temples, same as 346.



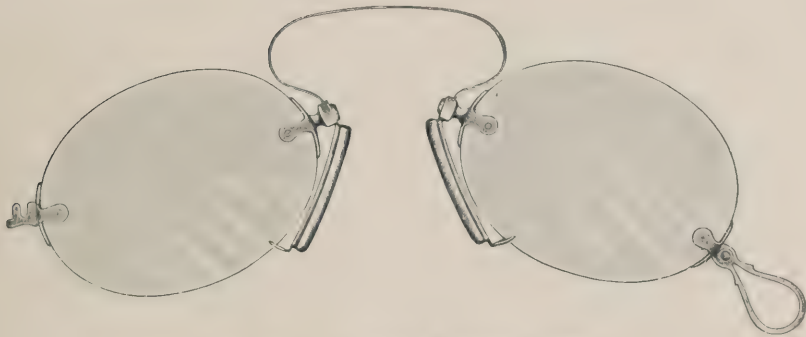
No. 396. Same style End Piece and Temple as 346, First Quality Lenses.

(See pages 5 to 12 and 31.)

RIMLESS EYEGLASSES.



No. 570. Fair Quality.



No. 580. Second Quality Lenses.



No. 590. First Quality Lenses.

No. 590-R. Rounded Straps and Studs; Extra Finish.

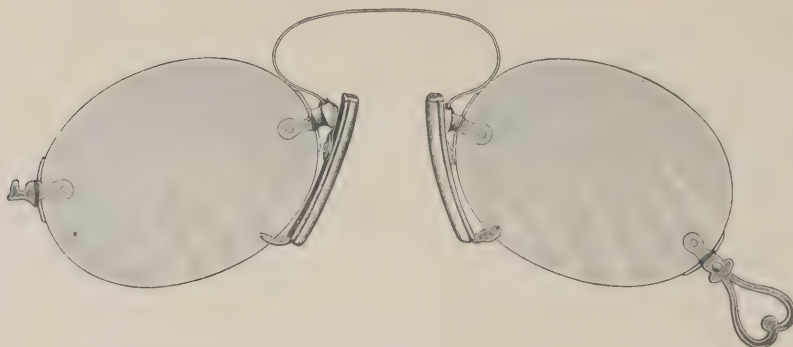


No. 580. Without Handle, with Hole for Cord.

No. 590. Same as above, except First Quality.

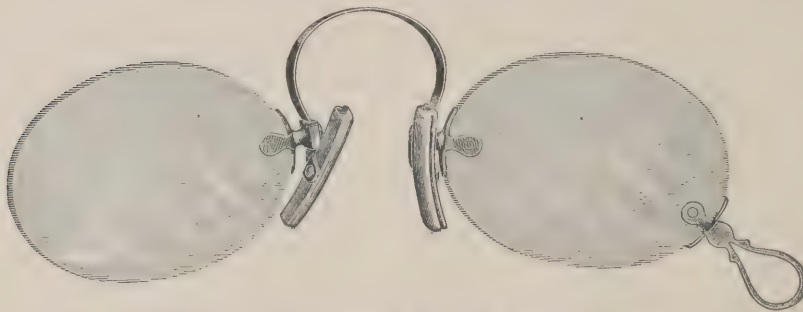
(See pages 12 and 31.)

RIMLESS EYEGLASSES.

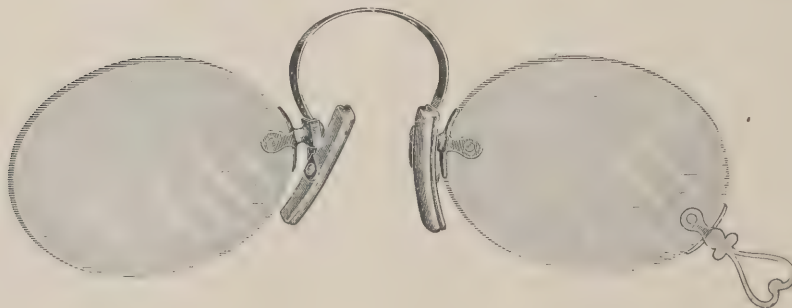


No. 591. First quality Lenses, Long Offset Guard.

No. 581. Second Quality Lenses, 580 Handle.

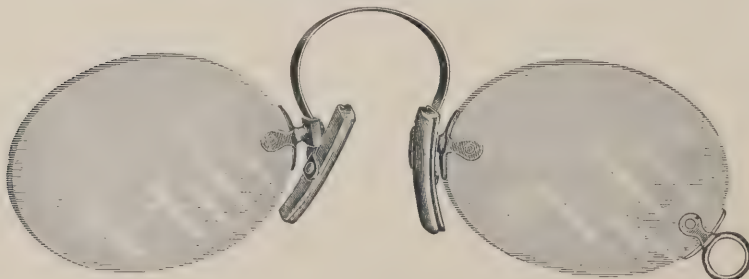


No. 583. Offset Guard, Second Quality Lenses.



No. 593. Offset Guard, First Quality Lenses.

No. 593-R. Rounded Strap and Stud, Extra Finish.



No. 583. Ring Handle, Second Quality Lenses.

No. 593. Ring Handle, First Quality Lenses.

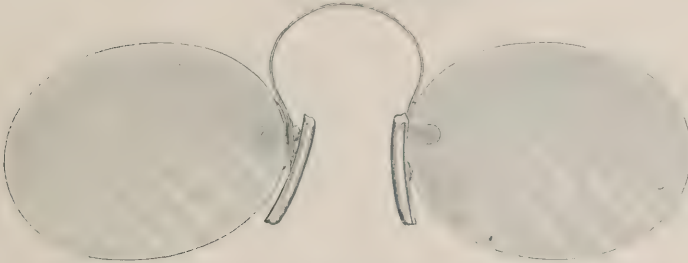
NOTE.—Ring Handle furnished on any Eyeglass when so ordered.

(See pages 12 and 31.)

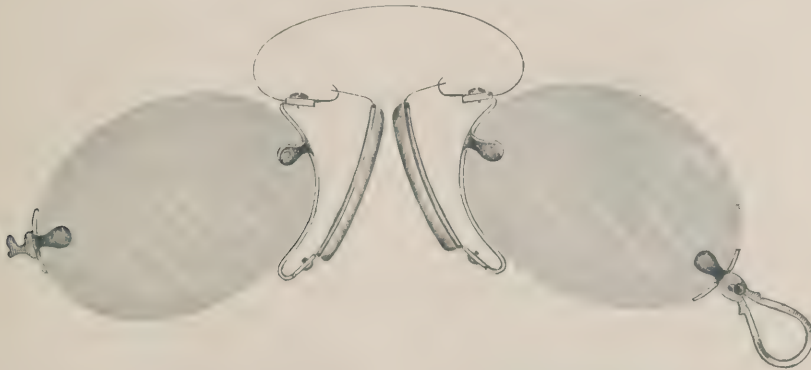
RIMLESS EYEGLASSES.



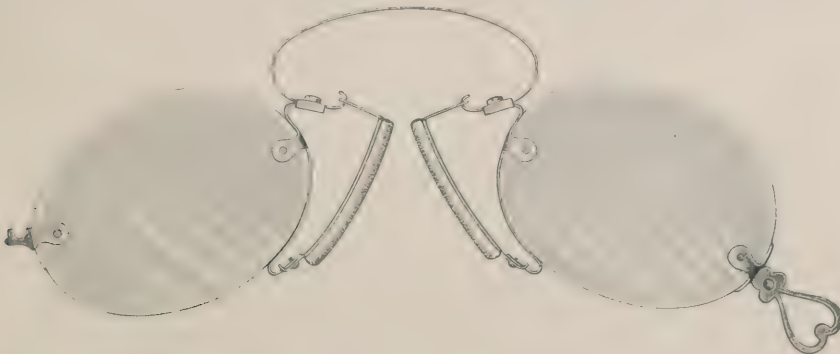
- No. 583. No Handle, Second Quality Lenses.
 No. 593. No Handle, First Quality Lenses.



- No. 594. No Handle, Short Stud, First Quality Lenses.
 No. 584. Same as 594, except Second Quality Lenses.



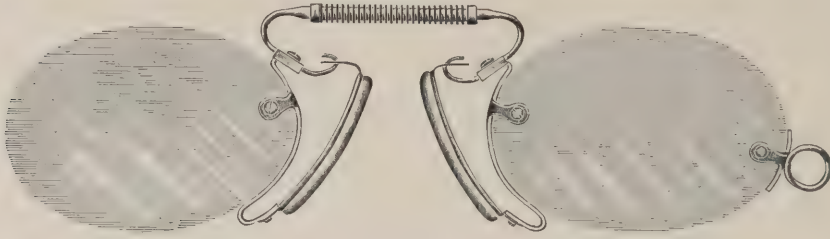
- No. 560. Adjustable Spring Guard, Second Quality Lenses.
 No. 563. Same as 560, except Offset Guard, Second Quality Lenses.



- No. 560. Adjustable Spring Guard, First Quality Lenses.
 No. 563. Same as 560, Offset Guard, First Quality Lenses.

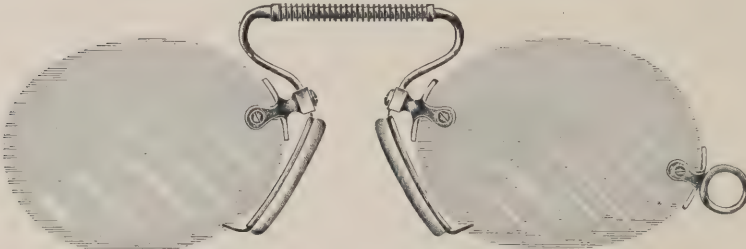
(See pages 12 and 31.)

RIMLESS BAR SPRING EYEGLASSES.

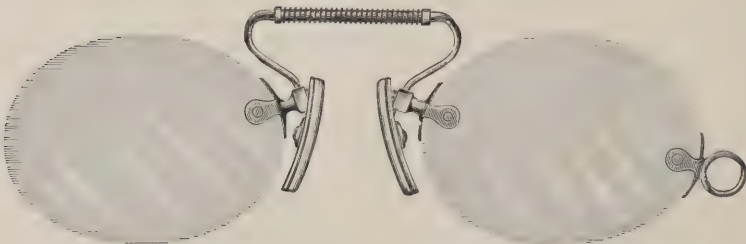


No. 560-A. Bar Spring, First Quality Lenses.

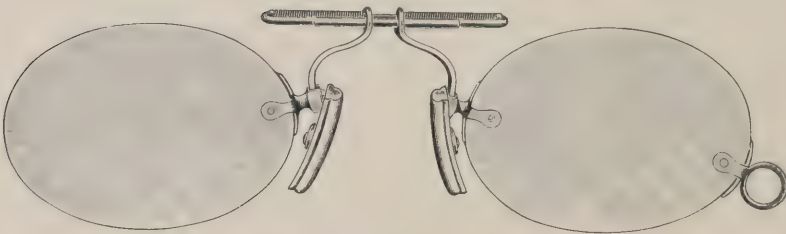
No. 563-A. Same as 560-A, except Offset.



No. 590-A. Bar Spring, First Quality Lenses.

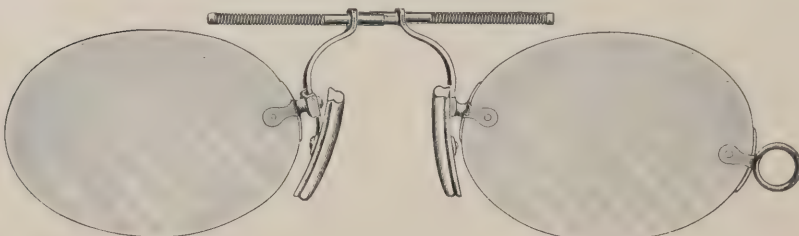


No. 593-A. Same as 590-A, except with 593 Guard.



No. 593-D. Patent Bar Spring, First Quality Lenses.

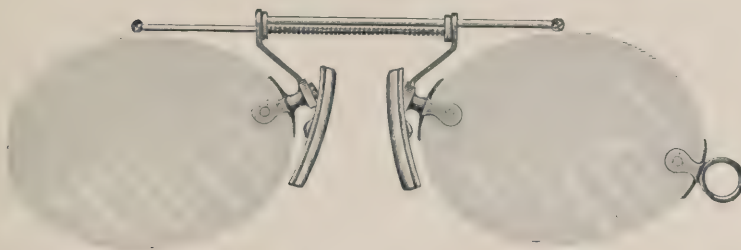
No. 590-D. Same as 593-D, except with 590 Guard.



No. 593-E. Patent Bar Spring, First Quality Lenses.

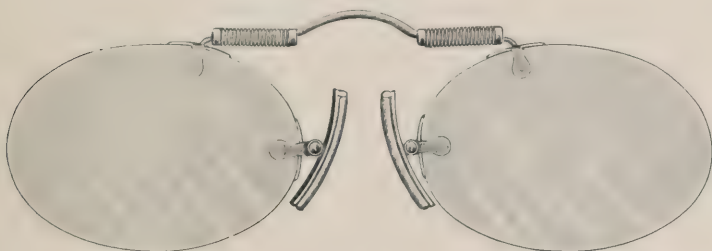
No. 590-E. Same as 593-E, with 590 Guard.

RIMLESS EYEGLASSES.

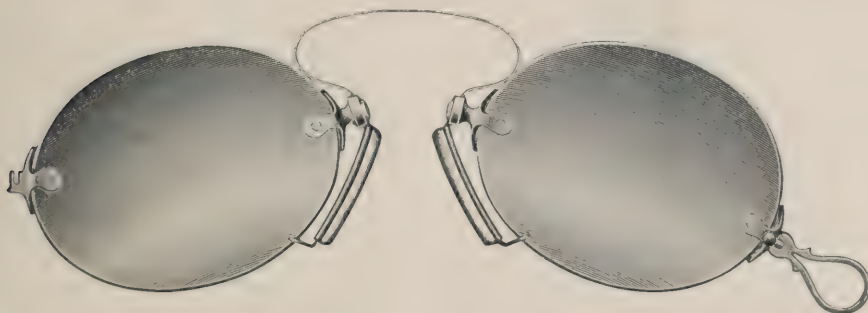


No. 593-F. Farley Patent Bar Spring, First Quality Lenses.

No. 590-F. Same as above, except with 590 Guard.

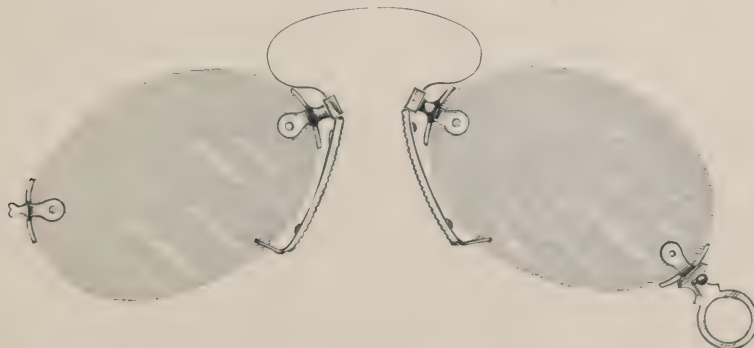


No. 592. No Handle, Rigid Bar Spring (two Springs), Offset Rocking Guard.



No. 580 "Coquille." Second Quality Lenses.

No. 590 "Coquille." First Quality Lenses. (Handle like Cut 590.)



No. 599. Extra Quality and Finish, Rounded Straps, Countersunk Stud Screws, First Quality Lenses.

SILVER AND GERMAN SILVER
SPECTACLES AND EYEGLASSES.

(GERMAN SILVER GOODS NICKEL PLATED TO ORDER.)

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SILVER SPECTACLES.



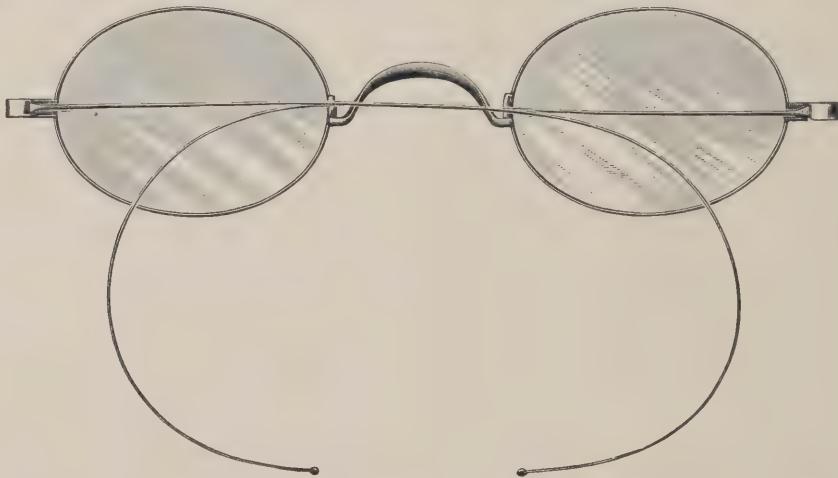
No. 600. Light, Flat Eye Wire, Flat Temple.
No. 610. Medium, Flat Eye Wire, Flat Temple.

No. 620. Heavy, Flat Eye Wire, Flat Temple.



No. 601. Light, Oval Eye Wire, Flat Temple.
No. 611. Medium, Oval Eye Wire, Flat Temple.
No. 613. Medium, Oval Eye Wire, Half Round Temple.
No. 621. Heavy, Oval Eye Wire, Flat Temple.

No. 602. Light, Oval Eye Wire, Round Temple.
No. 603. Light, Oval Eye Wire, Half Round Temple.
No. 612. Medium, Oval Eye Wire, Round Temple.
No. 623. Heavy, Oval Eye Wire, Half Round Temple.

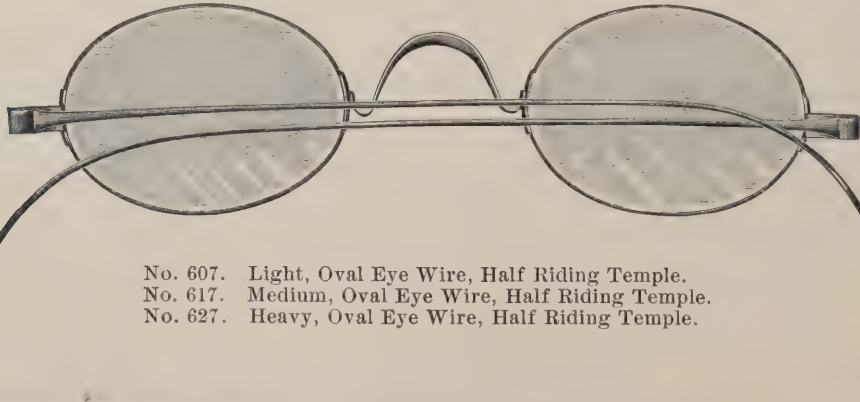


No. 606. Oval Eye Wire, Riding Temple.
No. 616. Same as 606, except Heavy.
No. 698. Frameless Riding. (See Cut 798, page 58.)

No. 608. Same as 606, except Short End Piece, Solid Temple.

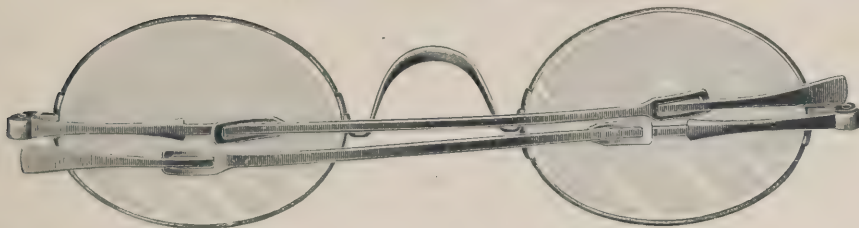
No. 618. Same as 608, except Heavy.

NOTE.—Also made with "Cable" or "Twisted" Temples.



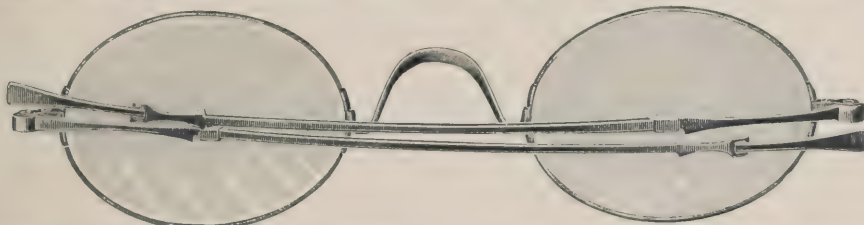
No. 607. Light, Oval Eye Wire, Half Riding Temple.
No. 617. Medium, Oval Eye Wire, Half Riding Temple.
No. 627. Heavy, Oval Eye Wire, Half Riding Temple.

SILVER SPECTACLES.



No. 630. Medium, Flat Eye Wire, Loop Slide Temple.
 No. 631. Medium, Oval Eye Wire, Loop Slide Temple.

No. 630½. Heavy, Flat Eye Wire, Loop Slide Temple.
 No. 631½. Heavy, Oval Eye Wire, Loop Slide Temple.



No. 640. Medium, Flat Eye Wire, Band Slide Temple.
 No. 641. Medium, Oval Eye Wire, Band Slide Temple.

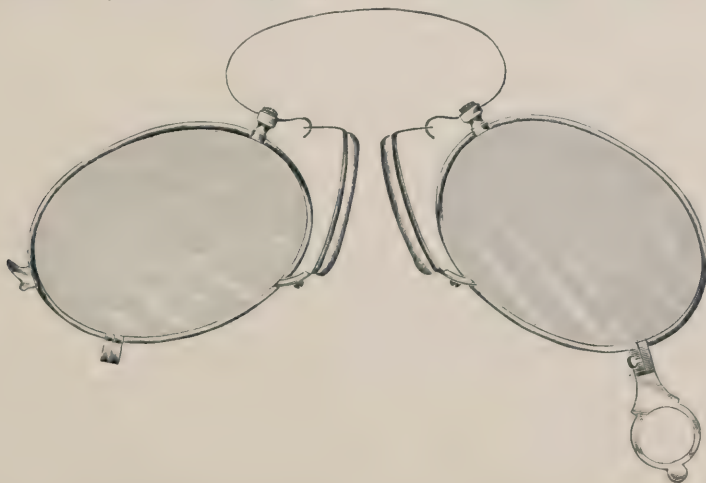
No. 640½. Heavy, Flat Eye Wire, Band Slide Temple.
 No. 641½. Heavy, Oval Eye Wire, Band Slide Temple.

SILVER EYEGLASSES.



No. 661. Patent Interchangeable Guard.
 No. 690. Frameless. (See Cut 890, page 69.)

No. 663. Same as 661, except Offset.
 No. 693. Frameless. (See Cut 893, page 69.)



No. 681. Adjustable Spring Guard.

No. 683. Same as 681, except Offset.

GERMAN SILVER SPECTACLES.



No. 1010. Flat Eye Wire, Flat Temple.

No. 1014. Beveled Eye Wire, Flat Temple.



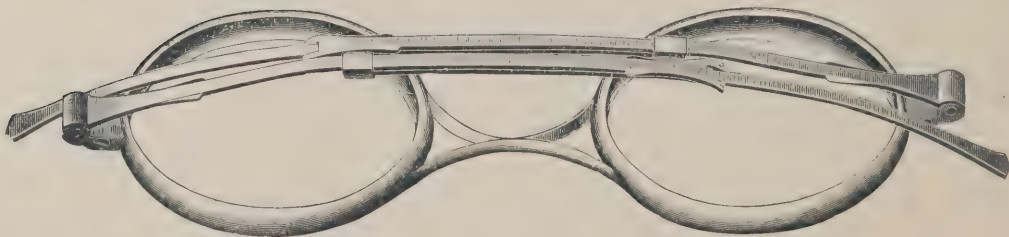
No. 1011. Oval Eye Wire, Flat Temple.

No. 1013. Oval Eye Wire, Half Round Temple.



No. 1002. Oval Eye Wire, Round Temple, Light Weight.

No. 1003. Oval Eye Wire, Half Round Temple, Light Weight.

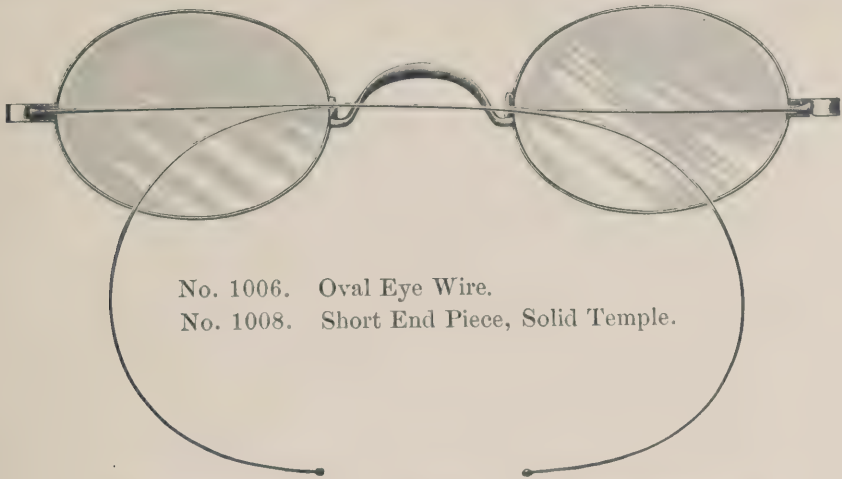


No. 1041 "Bessemer." Heavy, Oval Eye Wire, Band Slide Temple.

NOTE.— Same Style as above Furnished in Silver.

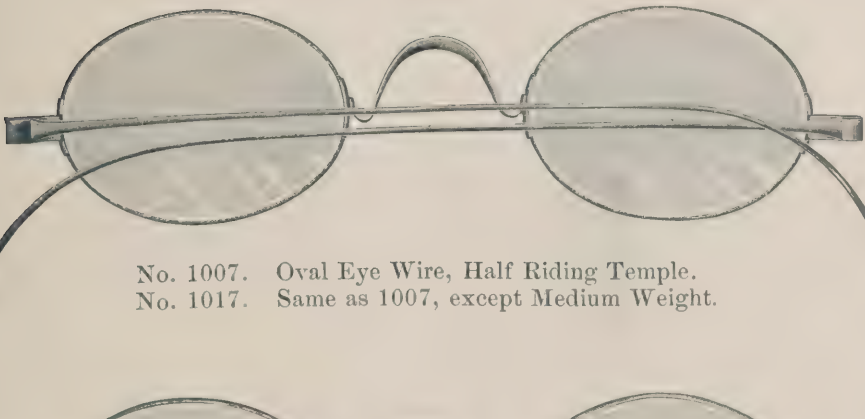
GERMAN SILVER SPECTACLES.

NOTE.—Nos. 1006 and 1008 can be furnished with Cable, Spiral, etc., Temples, same as No. 346.



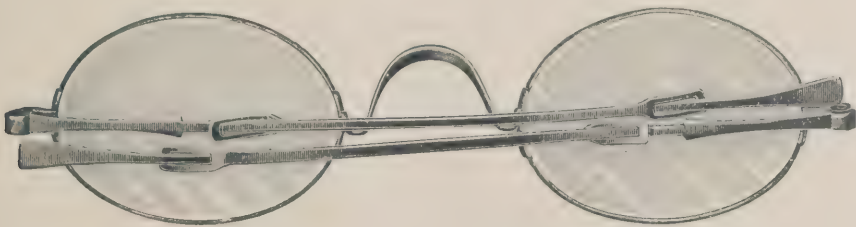
No. 1006. Oval Eye Wire.

No. 1008. Short End Piece, Solid Temple.



No. 1007. Oval Eye Wire, Half Riding Temple.

No. 1017. Same as 1007, except Medium Weight.



No. 1031. Oval Eye Wire, Loop Slide Temple.

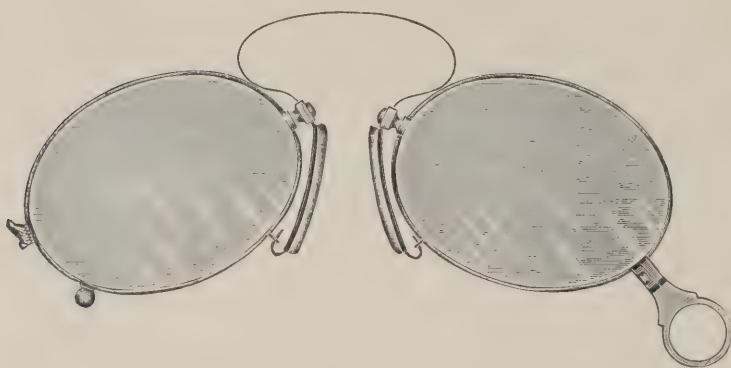
No. 1030. Flat Eye Wire, Loop Slide Temple.



No. 1041. Oval Eye Wire, Band Slide Temple.

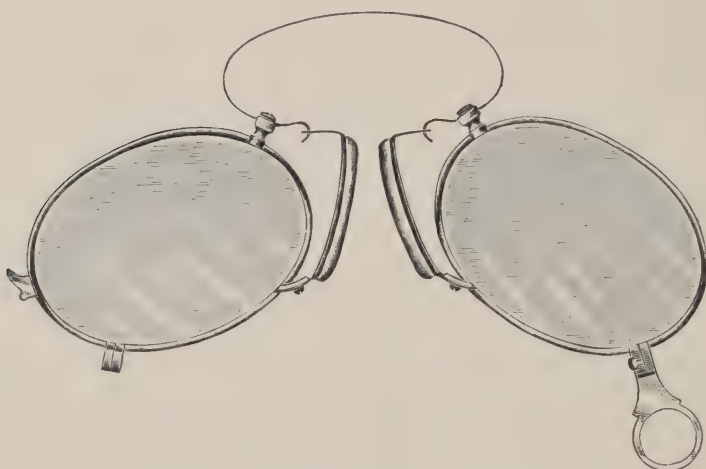
No. 1040. Flat Eye Wire, Band Slide Temple.

GERMAN SILVER EYEGLASSES.



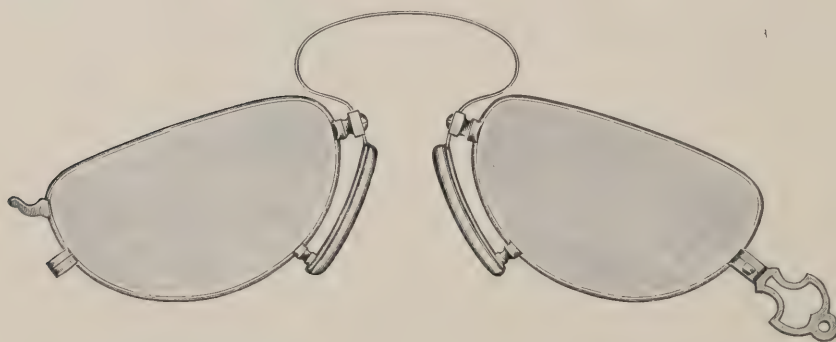
No. 1061. Patent Interchangeable Guard.

No. 1063. Same as 1061, except Offset.



No. 1081. Adjustable Spring Guard.

No. 1083. Same as 1081, except Offset.



No. 1061-B. Eye.

No. 1063-B. Eye. Same as the above except Offset.

Also made in Steel, No. 520 "B. Eye" and 523 "B. Eye."

In Gold 801 "B. Eye" and 803 "B. Eye."

Also made in any Metal. In ordering give Catalogue number desired and add
"B. Eye."

ROMAN ALLOY AND ALUMNICO

SPECTACLES AND EYEGLASSES.

* NOTE.—Our Roman Alloy goods are made from a Solid Metal which does not readily tarnish. This Metal closely resembles 10k. Gold.

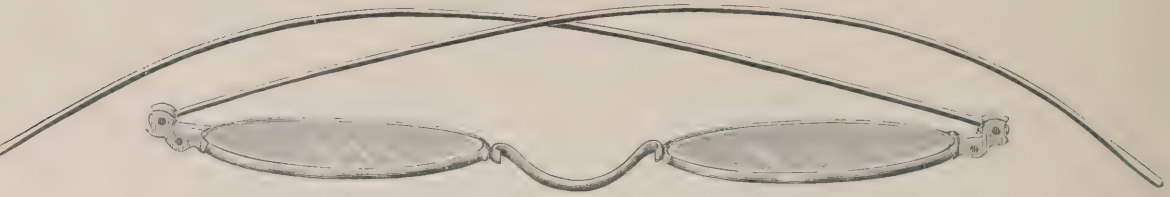
Roman Alloy goods can be Electro Gold Plated, if desired.

Our Alumnico goods are made from a high quality of White Metal nearly as elastic as Steel, that will not tarnish with ordinary usage. We would recommend them where Steel goods are liable to rust, as in a Salt or Damp Atmosphere.

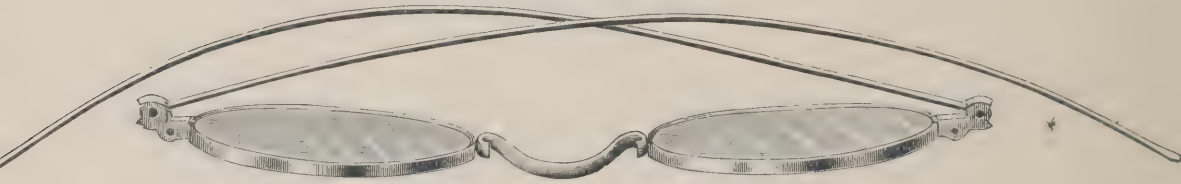
The above goods made with any style of Nose Piece without extra charge.

ASK FOR THE AMERICAN OPTICAL COMPANY'S GOODS AND BE SURE THAT YOU GET THEM.

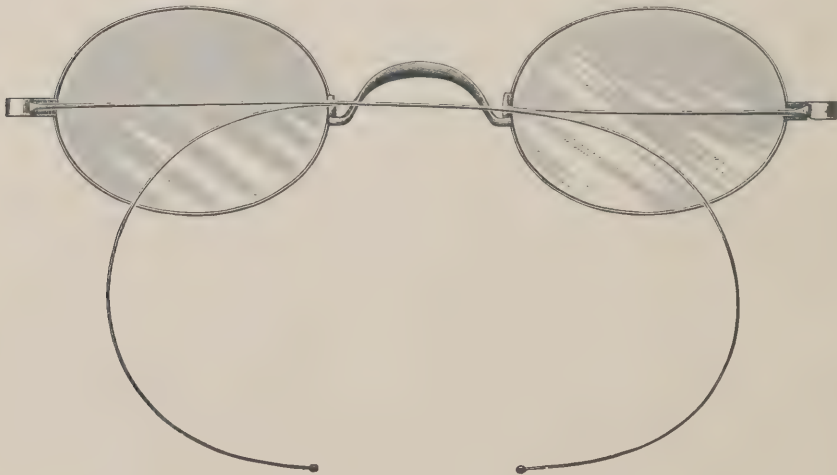
ROMAN ALLOY SPECTACLES.



- No. 1101. Oval Eye Wire, Flat Temple, Light Weight.
- No. 1102. Oval Eye Wire, Round Temple, Light Weight.
- No. 1103. Oval Eye Wire, Half Round Temple, Light Weight.
- No. 1111. Oval Eye Wire, Flat Temple, Medium Weight.
- No. 1113. Oval Eye Wire, Half Round Temple, Medium Weight.
- No. 1117. Oval Eye Wire, Half Riding Temple, Medium Weight.



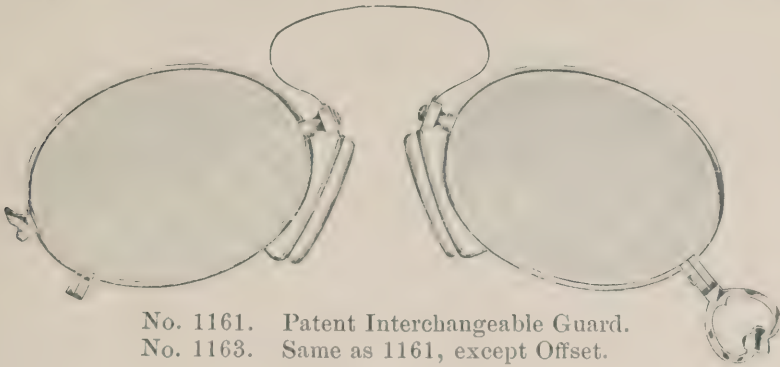
- No. 1110. Flat Eye Wire, Flat Temple, Medium Weight.
- No. 1120. Flat Eye Wire, Flat Temple, Heavy Weight.



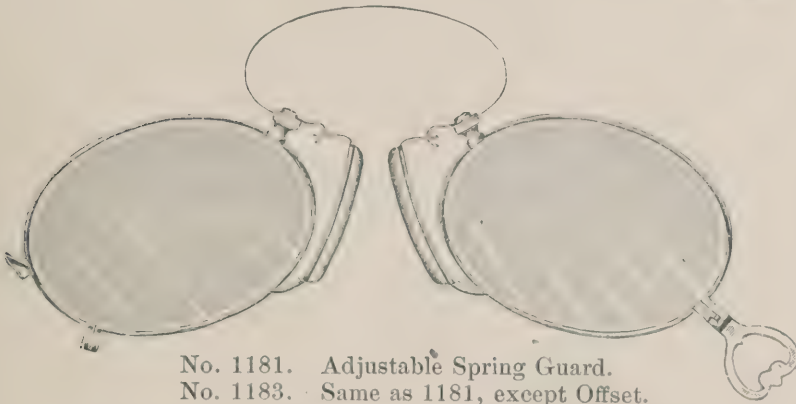
- No. 1106. Oval Eye Wire.
- No. 1107. Same as 1106, except Half Riding Temple.
- No. 1108. Oval Eye Wire, Short End Piece, Solid Temple.

NOTE.—Nos. 1102 and 1103 can be made Short End Piece, Solid Temple, if so ordered. Nos. 1106 and 1108 can be furnished with Cable, Spiral, etc., Temples, same as No. 346. Any of these goods can be Electro Gold Plated when desired.

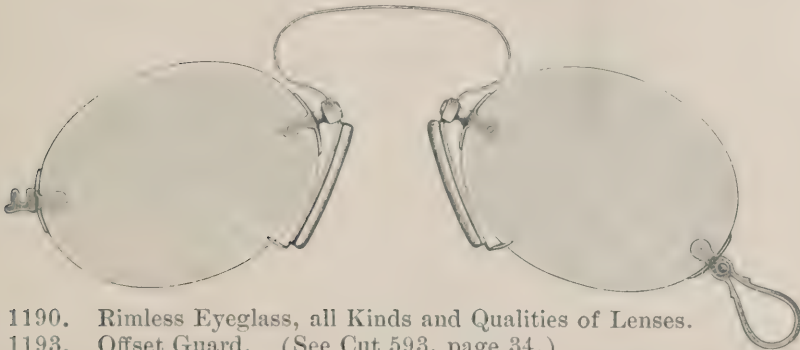
ROMAN ALLOY EYEGLASSES AND RIMLESS GOODS.



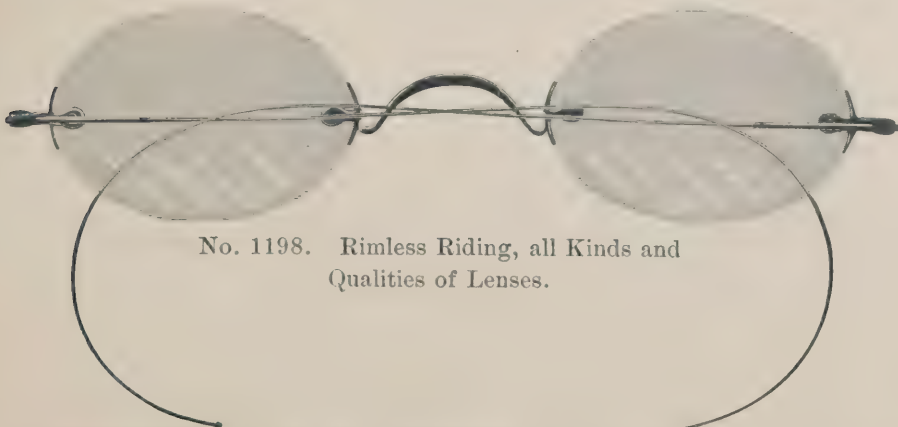
No. 1161. Patent Interchangeable Guard.
No. 1163. Same as 1161, except Offset.



No. 1181. Adjustable Spring Guard.
No. 1183. Same as 1181, except Offset.

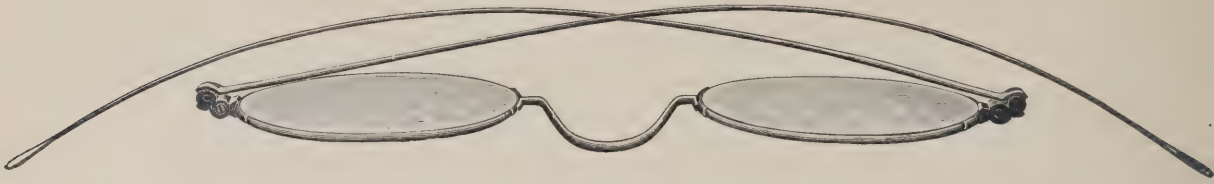


No. 1190. Rimless Eyeglass, all Kinds and Qualities of Lenses.
No. 1193. Offset Guard. (See Cut 593, page 34.)



No. 1198. Rimless Riding, all Kinds and Qualities of Lenses.

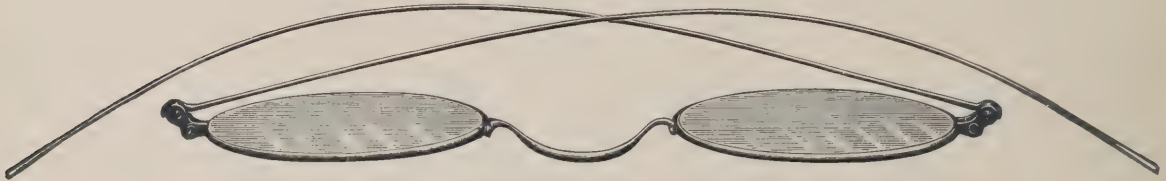
ALUMNICO SPECTACLES.



No. 1301. Oval Eye Wire, Flat Temple, Light Weight.

No. 1302. Oval Eye Wire, Round Temple, Light Weight.

No. 1303. Oval Eye Wire, Half Round Temple, Light Weight.



No. 1302 "Short E.P." Same as 1302, except Short End Piece.

No. 1303 "Short E.P." Same as 1303, except Short End Piece.



No. 1311. Oval Eye Wire, Flat Temple, Medium Weight.

No. 1313. Oval Eye Wire, Half Round Temple, Medium Weight.

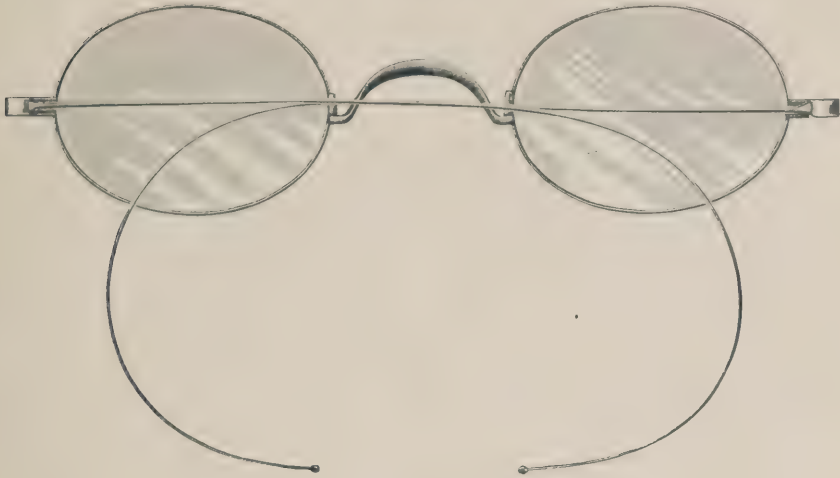
No. 1317. Oval Eye Wire, Half Riding Temple, Medium Weight.



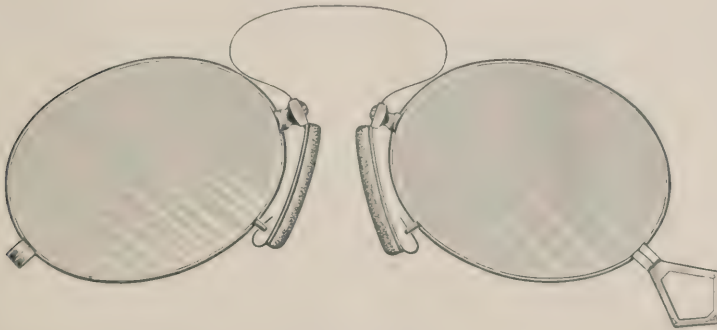
No. 1310. Flat Eye Wire, Flat Temple, Medium Weight.

No. 1320. Flat Eye Wire, Flat Temple, Heavy Weight.

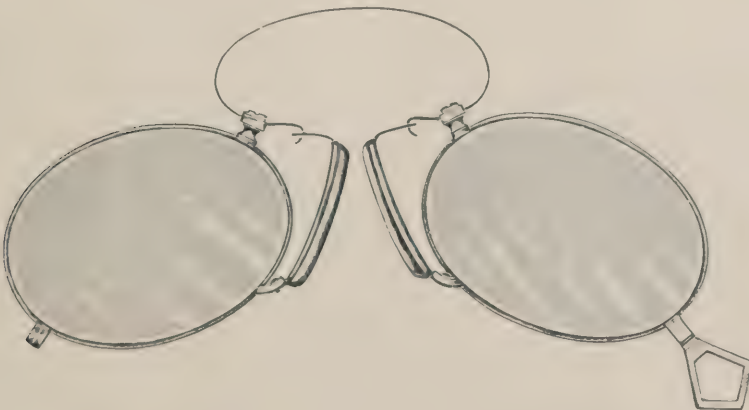
ALUMNICO SPECTACLES AND EYEGLASSES.



- No. 1306. Oval Eye Wire, extra Light Weight.
 No. 1316. Oval Eye Wire, Medium Weight.
 No. 1308. Same as 1306, except Short End Piece, Solid Temple.
 No. 1318. Same as 1316, except Short End Piece, Solid Temple.

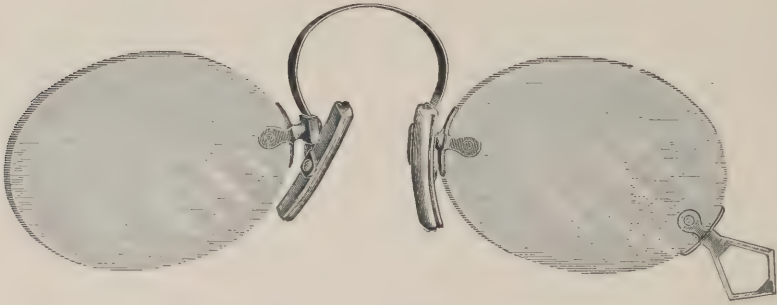


- No. 1361. Patent Interchangeable Guard.
 No. 1363. Same as 1361, except Offset. (See Cut 493 for Guard.)



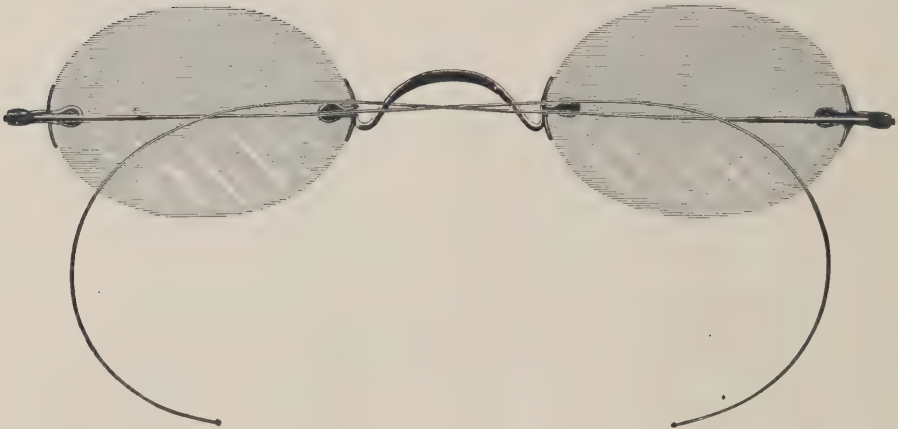
- No. 1381. Adjustable Spring Guard. No. 1383. Same as 1381, except Offset.

ALUMNICO RIMLESS EYEGLASSES AND SPECTACLES.

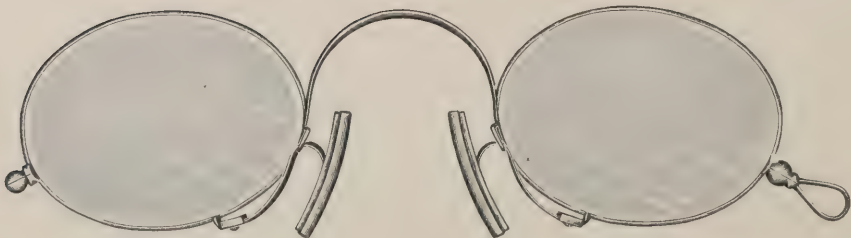


No. 1393. Rimless, Offset Guard.

No. 1390. Rimless. (See Cut 590, page 33.)



No. 1398. Rimless, Riding.



No. 534. Spectaclette.

Made in Gold, Steel and other Metals. State Metal desired when ordering.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

TEN-KARAT GOLD FILLED

SPECTACLES AND EYEGLASSES.

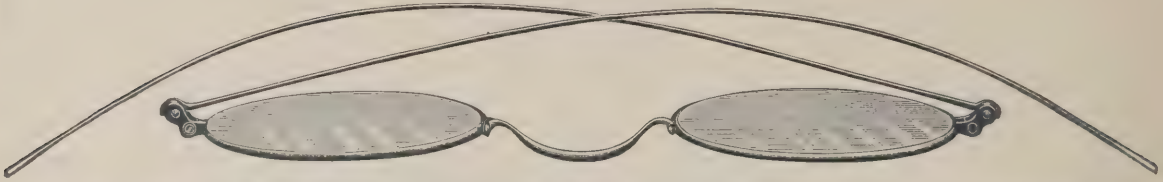
NOTE.—Our Gold Filled Goods are made from Seamless Gold Filled Wire. The Joints are struck up from Sheet Metal, one-half the thickness of which is 10k. Gold.

We also supply Gold Filled Goods with a Solid Gold End Piece at an extra charge; also with a Composition Electroplated End Piece at a lower price than the regular.

Gold Filled Spectacles can be made with any Style of Nose Piece without extra charge.

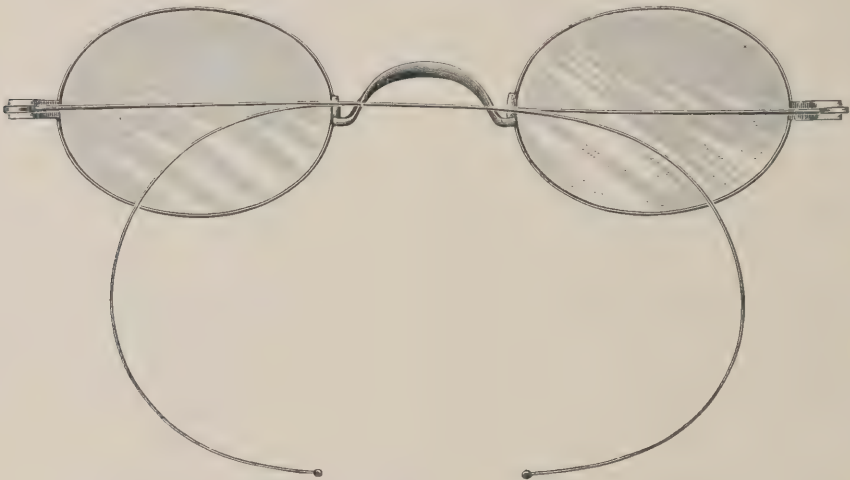
ASK FOR THE AMERICAN OPTICAL COMPANY'S GOODS AND BE SURE THAT YOU GET THEM.

GOLD FILLED SPECTACLES.

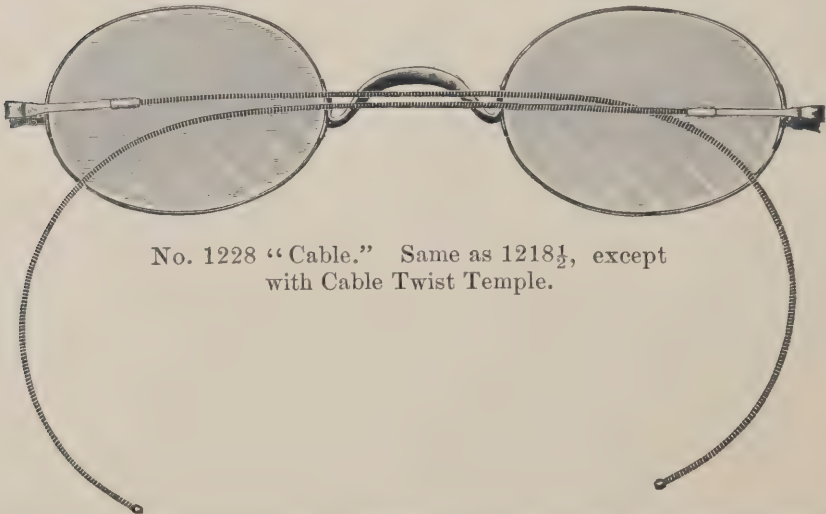


- No. 1223. Oval Eye Wire, Half Round Temple, Short End Piece. Style recommended.
 No. 1222. Oval Eye Wire, Round Temple, Short End Piece.
 No. 1221. Oval Eye Wire, Flat Temple, Short End Piece.
 No. 1231. Oval Eye Wire, Flat Temple, Short End Piece, Heavy.
 No. 1220. Flat Eye Wire, Flat Temple, Short End Piece.
 No. 1230. Flat Eye Wire, Flat Temple, Short End Piece, Heavy.
 No. 1213. Same as 1223, except Extra Light.

NOTE.—Any of the above furnished with Regular End Piece and Temple if desired.



- No. 1218. Oval Eye Wire, Short End Piece, Solid Temple.
 No. 1218½. Same as in 1218, except Heavy.
 No. 1217. Same as 1218, except Half Riding Temple.
 No. 1227. Same as 1221, except Half Riding Temple.

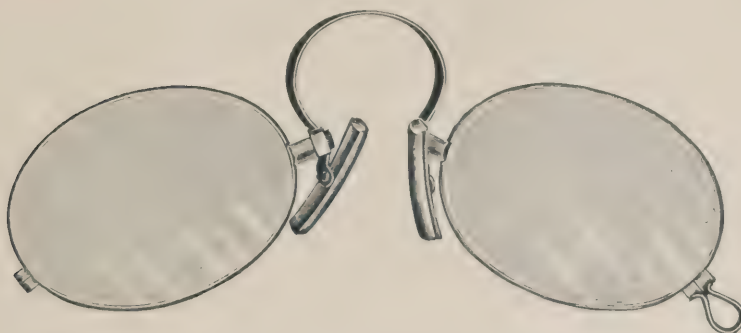


- No. 1228 "Cable." Same as 1218½, except with Cable Twist Temple.

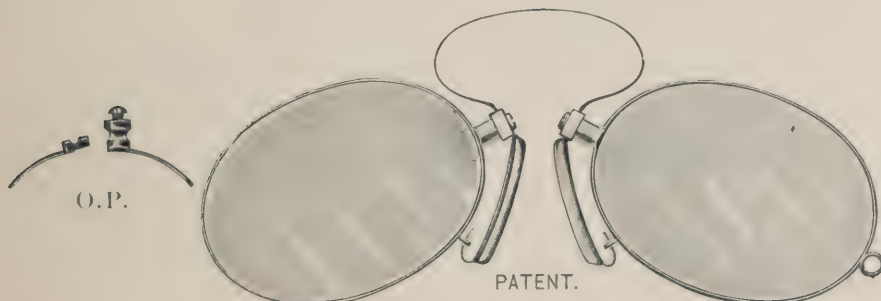
NOTE.—When any of the above goods are desired with Composition End Pieces, electroplated, add "P.E." to the Catalogue Number.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

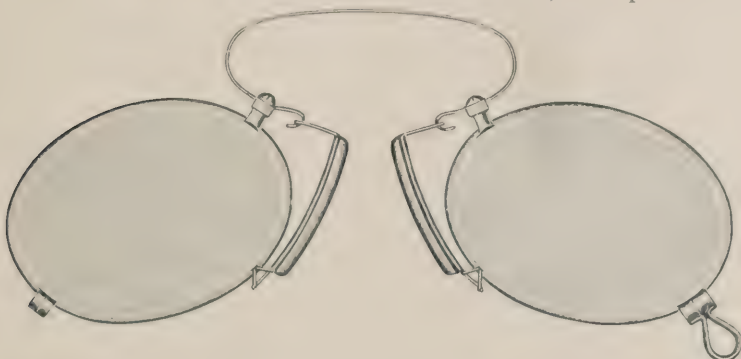
GOLD FILLED EYEGLASSES.



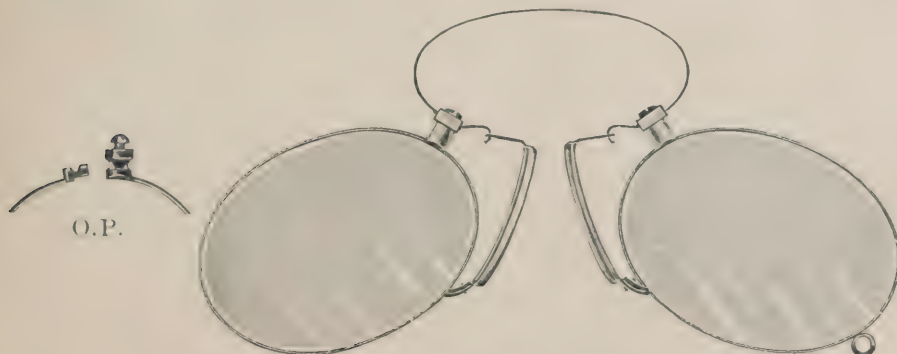
No. 1263. Offset Guard. No. 1261. Same as 1263, except Guard as below.



No. 1261 "O.P." Oval Eye Wire, opens at Post.
No. 1263 "O.P." Same as 1261 "O.P.," except Offset.

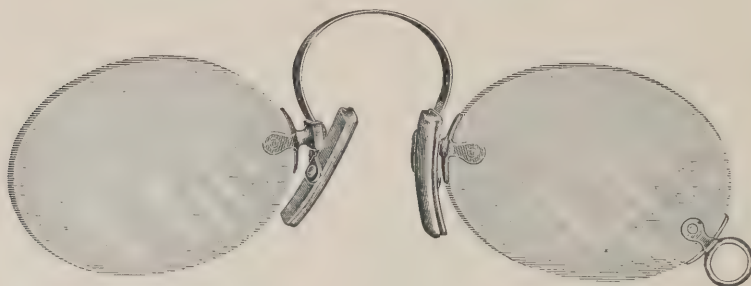


No. 1281. Adjustable Spring Guard. No. 1283. Same as 1281, except Offset.



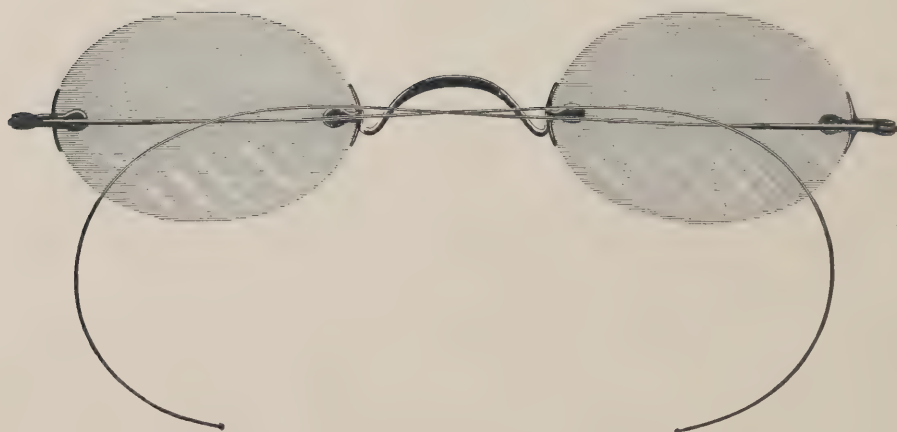
No. 1281 "O.P." Adjustable Spring Guard, opens at Post.
No. 1283 "O.P." Same as 1281 "O.P.," except Offset.

GOLD FILLED RIMLESS SPECTACLES AND EYEGLASSES.



No. 1293. Rimless, Offset Guard.

No. 1290. Rimless, with 590 Guard. (See page 33.)



No. 1298. Rimless, Riding. Any Style of Bridge.

Other Styles made to Order.

GOLD AND PLATINUM SPECTACLES AND EYEGLASSES.

WE GUARANTEE THE QUALITY OF OUR STOCK.

In ordering Gold Goods,

Give Catalogue number,
Give Karat,
Give Style of Bridge if other than C,
Give Size of Eye,
Give Kind of Lenses desired.

In ordering Platinum Goods,

Give the same Catalogue number as for Gold, and instead
of giving Karat say "Platinum."

Eyeglasses with Countersunk Stud Screws furnished, when desired, at an extra charge.

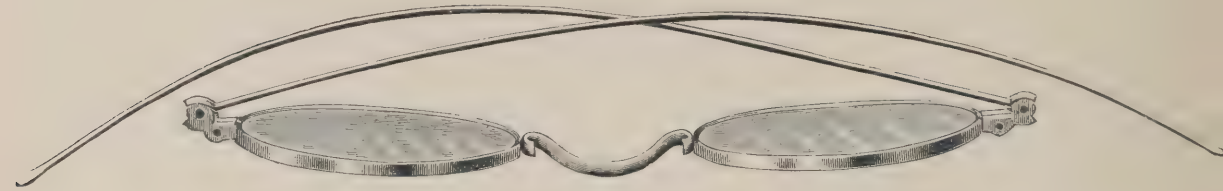
Goods can be made any special Weights or Styles desired.

We advise that all Eyeglasses be made without Catches and Catch Pins. The closing of Eyeglasses causes more damage to Lenses and strain to Springs than ordinary use and wear.

SEE PAGES 5 AND 6.

ASK FOR THE AMERICAN OPTICAL COMPANY'S GOODS AND BE SURE THAT YOU GET THEM.

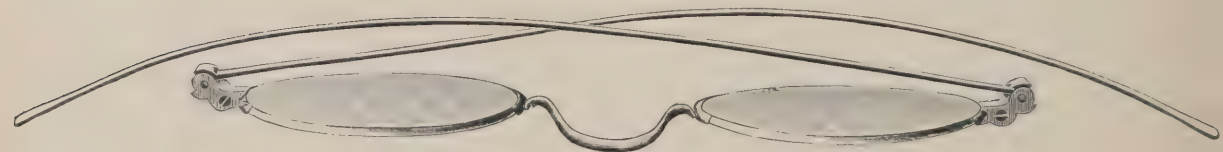
GOLD SPECTACLES.



- No. 700. Light, Braced, Flat Eye Wire, Flat Temple.
 No. 710. Medium, Braced, Flat Eye Wire, Flat Temple.
 No. 710 $\frac{1}{4}$. Same as 710, except Heavier.
 No. 720. Ordinary, Braced, Flat Eye Wire, Flat Temple.
 No. 720 $\frac{1}{4}$. Same as 720, except Heavier.
 No. 730. Heavy, Flat Eye Wire, Flat Temple.
 No. 740. Same as 730, except Extra Heavy.



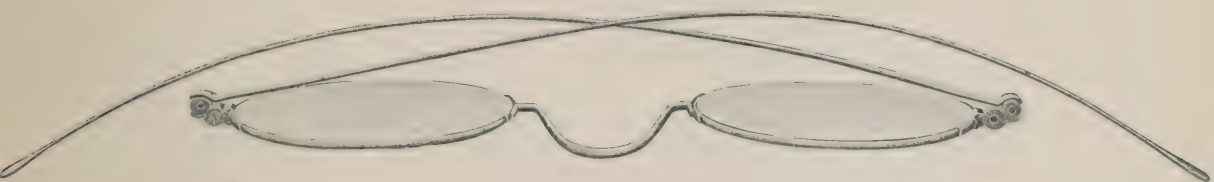
- No. 701. Light, Braced, Oval Eye Wire, Flat Temple.
 No. 711. Medium, Braced, Oval Eye Wire, Flat Temple.
 No. 711 $\frac{1}{4}$. Same as 711, except Heavier.
 No. 721. Ordinary, Braced, Oval Eye Wire, Flat Temple.
 No. 721 $\frac{1}{4}$. Same as 721, except Heavier.
 No. 731. Heavy, Oval Eye Wire, Flat Temple.
 No. 741. Same as 731, except Extra Heavy.



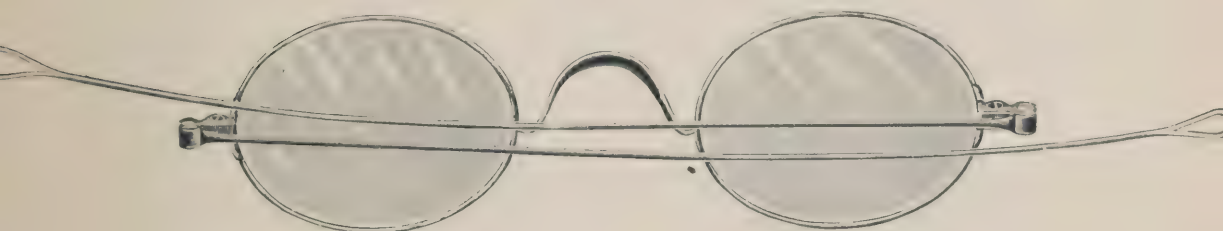
- No. 724. Ordinary, Braced, Beveled Eye Wire, Flat Temple.
 No. 734. Same as 724, except Heavier.

(See pages 6 and 55.)

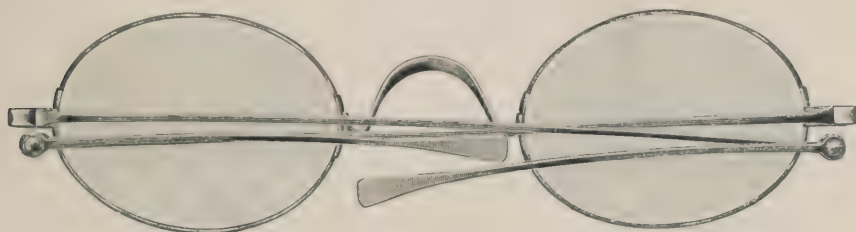
GOLD SPECTACLES.



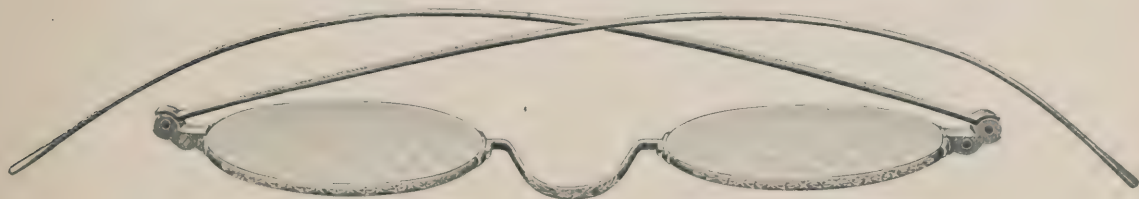
- No. 702. Light, Braced, Oval Eye Wire, Round Temple.
 No. 712. Medium, Braced, Oval Eye Wire, Round Temple:
 No. 712½. Same as 712, except Heavier.
 No. 722. Ordinary, Braced, Oval Eye Wire, Round Temple.
 No. 722½. Same as 722, except Heavier.
 No. 723. Same as 722, except Half Round Temple.
 No. 732. Heavy, Oval Eye Wire, Round Temple.
 No. 742. Same as 732, except Extra Heavy.
 No. 743. Same as 742, except Half Round Temple.



- No. 722 "Special." Oval Eye Wire, Angular Joints, Round Temple, Open Tip.
 No. 722½ "Special." Same as above, except Heavier.



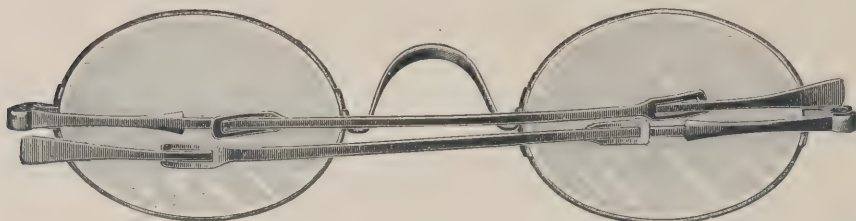
- No. 721 "T.P." Same as 721, except with Turnpin Temple.



- No. 721 "Engraved." Same as 721, except Engraved. Also Faceted.
 No. 731 "Engraved." Same as 731, except Engraved. Also Faceted.
 Any good weight of goods can be Engraved or Faceted when desired.

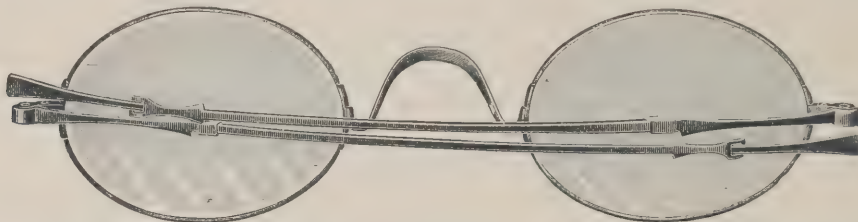
(See pages 6 and 55.)

GOLD SPECTACLES AND RIMLESS RIDING.



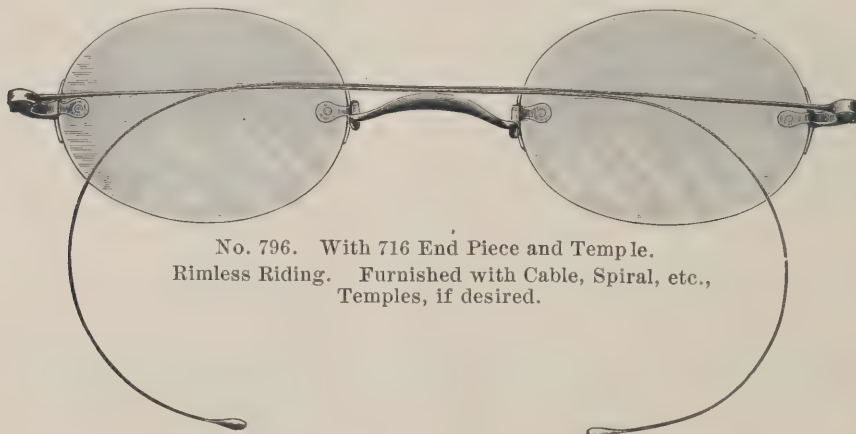
No. 771. Ordinary, Oval Eye Wire, Loop-Slide Flat Temple.
No. 770. Same as 771, except Flat Eye Wire.

No. 771½. Same as 771, except Heavier.
No. 770½. Same as 770, except Heavier.

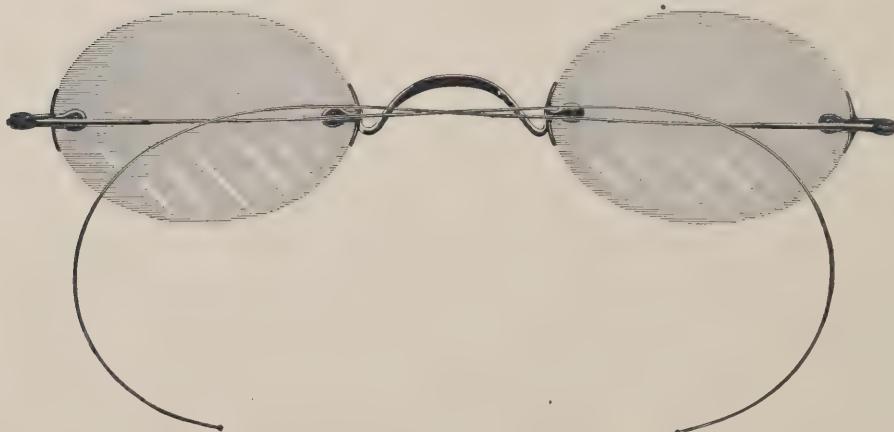


No. 781. Ordinary, Oval Eye Wire, Band-Slide Flat Temple.
No. 780. Same as 781, except Flat Eye Wire.

No. 781½. Same as 781, except Heavier.
No. 780½. Same as 780, except Heavier.



No. 796. With 716 End Piece and Temple.
Rimless Riding. Furnished with Cable, Spiral, etc.,
Temples, if desired.

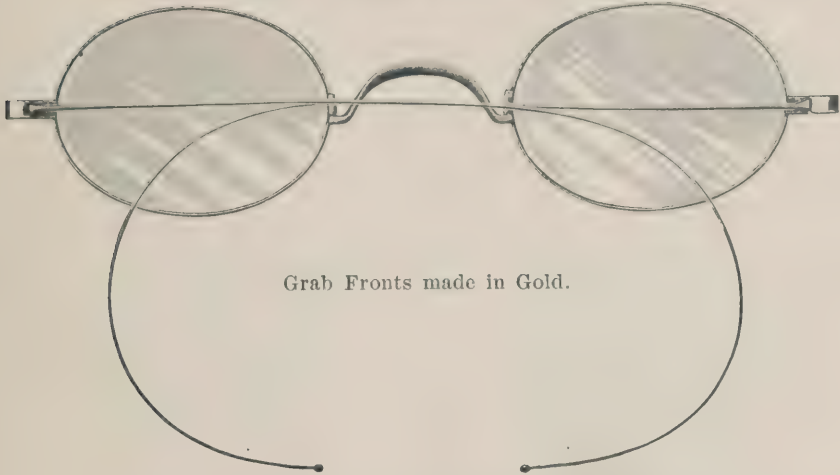


No. 798. Rimless Riding. Furnished with Cable, Spiral, etc., Temples, if desired.
No. 798½. Rimless Riding. Same as 798, except Extra Weight in the Nose Piece.
No. 798¼. Rimless Riding. Same as 798½, except Extra Weight in the Nose Piece.
No. 798¾. Rimless Riding. Same as 798, except with Heavy Temple.

GOLD RIMLESS SPECTACLES AND GOLD RIDING.

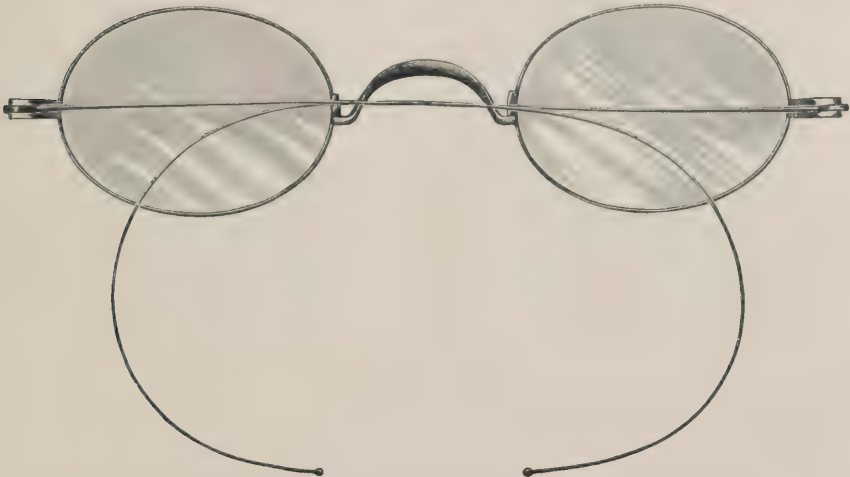


No. 792. Rimless, Round Temple.



Gold Fronts made in Gold.

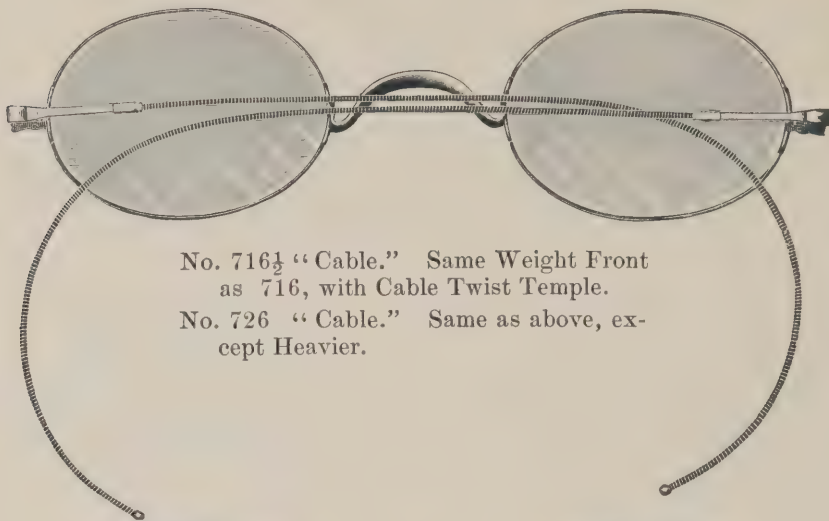
- No. 706. Light, Braced, Oval Eye Wire, Broad Bridge.
- No. 705. Same as 706, except for Grooved Lenses.
- No. 716. Medium, Braced, Oval Eye Wire, Broad Bridge.
- No. 716 $\frac{1}{2}$. Same as 716, except Heavy Bridge.
- No. 716 $\frac{3}{4}$. Same as 716, except Heavier Front.
- No. 716 $\frac{1}{2}$. Heavy, Braced, Oval Eye Wire, Broad Bridge.



- No. 708. Same as 706, except Short End Piece and Solid Temple.
- No. 718. Same as 716, except Short End Piece and Solid Temple.
- No. 718 $\frac{1}{2}$. Same as 716 $\frac{1}{2}$, except Short End Piece and Solid Temple.
- No. 718 $\frac{3}{4}$. Same as 716 $\frac{3}{4}$, except Short End Piece and Solid Temple.
- No. 718 $\frac{1}{2}$. Same as 716 $\frac{1}{2}$, except Short End Piece and Solid Temple.

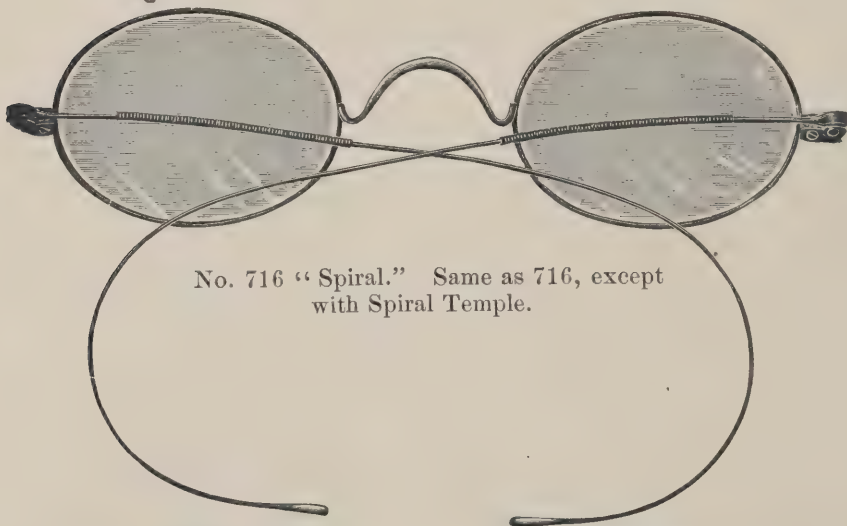
NOTE.— Square Butt Temples on Gold Riding Goods, when desired.

GOLD RIDING.

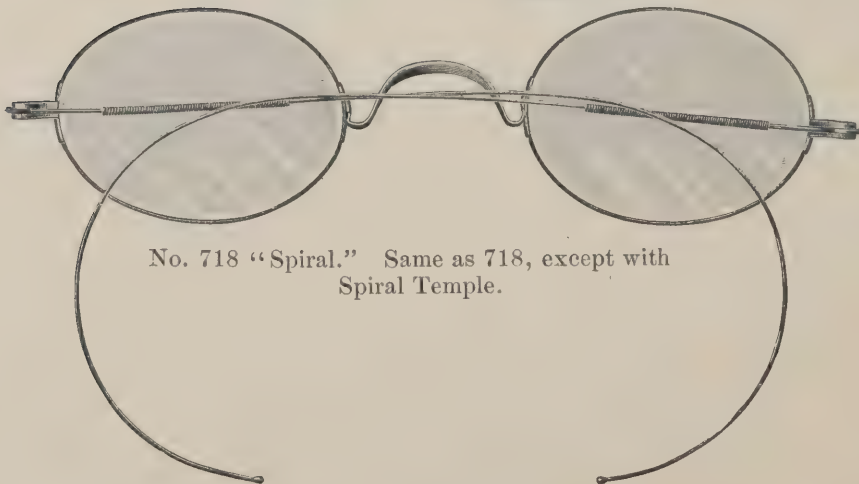


No. 716½ "Cable." Same Weight Front
as 716, with Cable Twist Temple.

No. 726 "Cable." Same as above, ex-
cept Heavier.



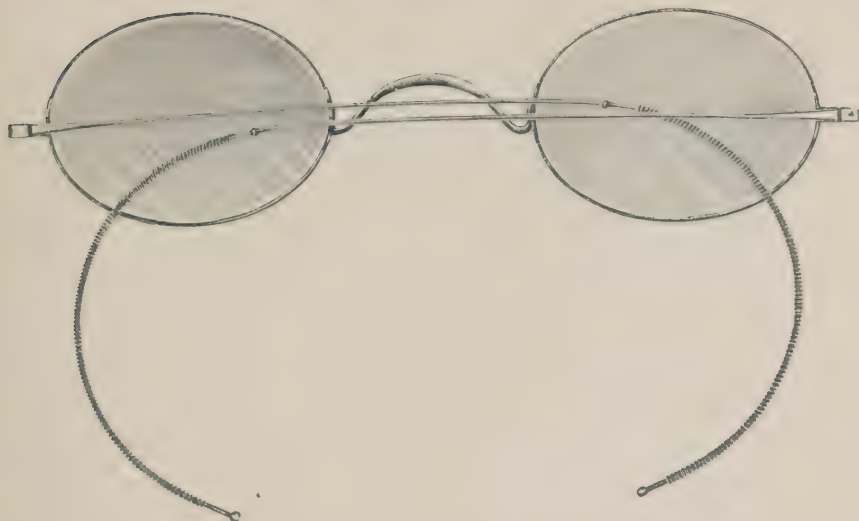
No. 716 "Spiral." Same as 716, except
with Spiral Temple.



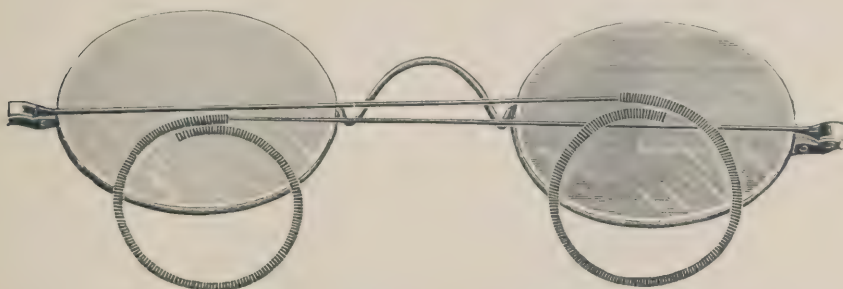
No. 718 "Spiral." Same as 718, except with
Spiral Temple.

(See pages 5, 6 and 55.)

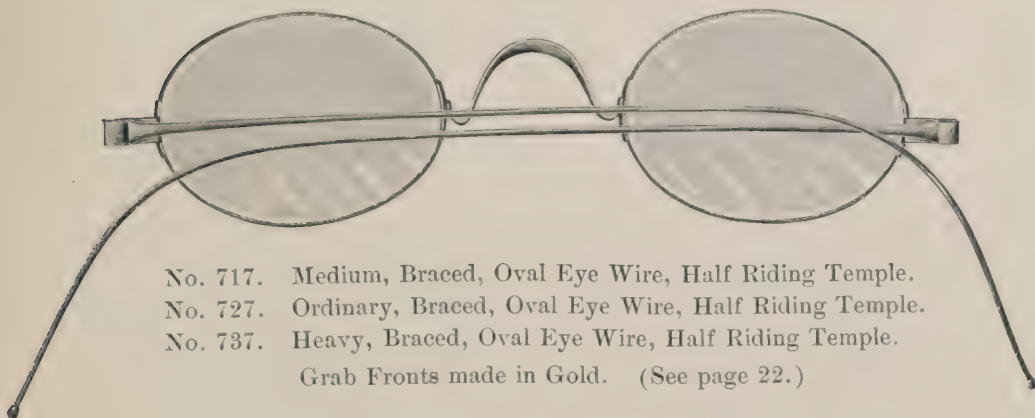
GOLD RIDING.



- No. 716 "Spiral Shield." Same as 716, except Movable Spiral Shield on Temple.
 No. 718 "Spiral Shield." Same as 718, except Movable Spiral Shield on Temple.



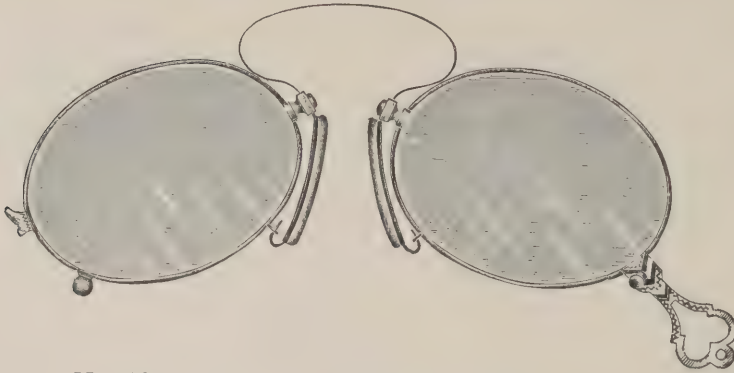
- No. 716 "Spiral Tip." Same as 716, except with Spiral Tip Temple.
 No. 718 "Spiral Tip." Same as 718, except with Spiral Tip Temple.



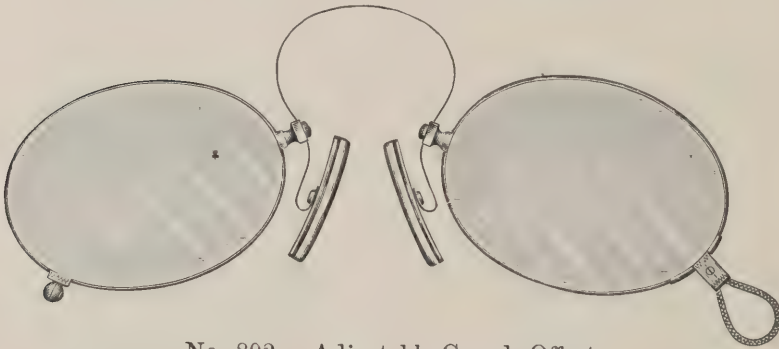
- No. 717. Medium, Braced, Oval Eye Wire, Half Riding Temple.
 No. 727. Ordinary, Braced, Oval Eye Wire, Half Riding Temple.
 No. 737. Heavy, Braced, Oval Eye Wire, Half Riding Temple.
 Grab Fronts made in Gold. (See page 22.)

(See pages 5, 6 and 55.)

GOLD EYEGLASSES.



- No. 801. Patent Interchangeable Guard.
 No. 801 $\frac{1}{4}$. Same as 801, except Heavier.
 No. 801 $\frac{1}{2}$. Same as 801, except Extra Heavy.
 No. 805. Same as 801, except for Grooved Lenses.
 No. 901. Same as 801, except Light Weight.

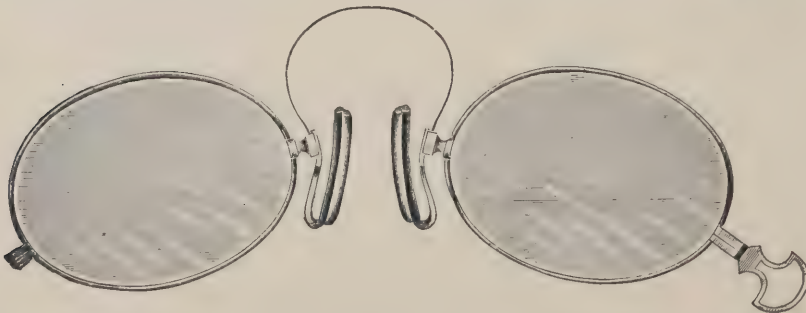


No. 802. Adjustable Guard, Offset.



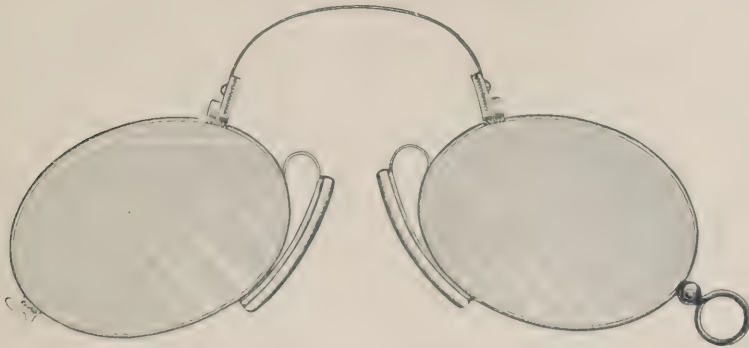
No. 803. Offset Guard.

No. 903. Same as 803, except Lighter.



No. 813. Offset Guard, Adjustable.

GOLD EYEGLASSES.

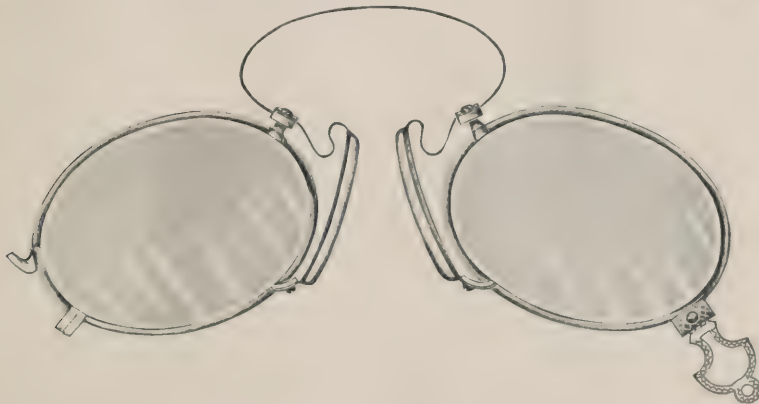


No. 831. Opens at Stud, Bow Spring.



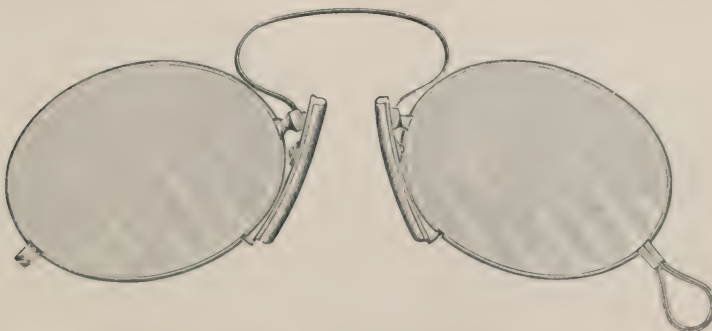
No. 841. Burbank Patent Guard.

No. 843. Burbank Offset Guard.



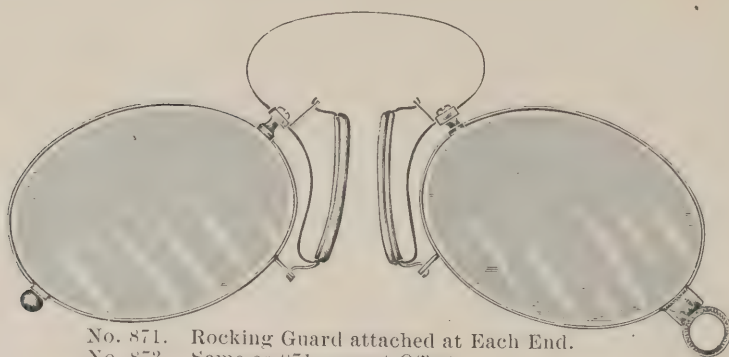
No. 861. Adjustable Guard.

No. 863. Same as 861, except Offset.



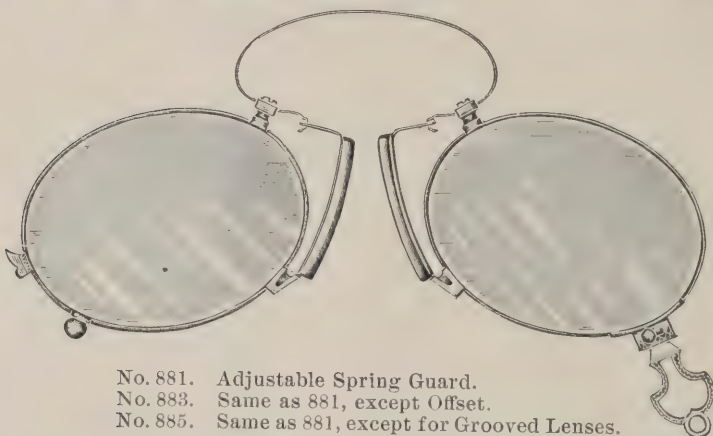
No. 862. Long Offset Guard.

GOLD EYEGLASSES.



No. 871. Rocking Guard attached at Each End.

No. 873. Same as 871, except Offset.



No. 881. Adjustable Spring Guard.

No. 883. Same as 881, except Offset.

No. 885. Same as 881, except for Grooved Lenses.

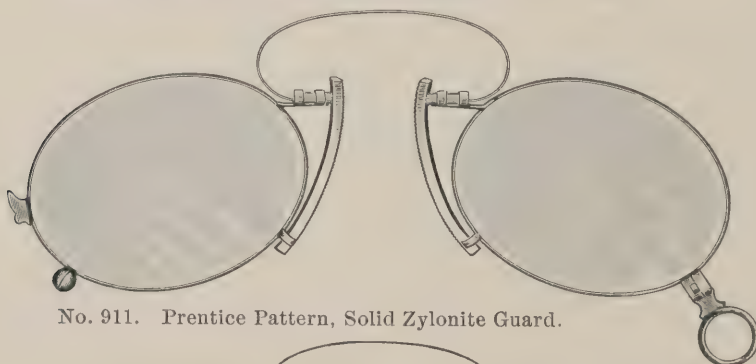
No. 881 $\frac{1}{2}$. Same as 881, except Heavier.

No. 981. Same as 881, except Lighter.

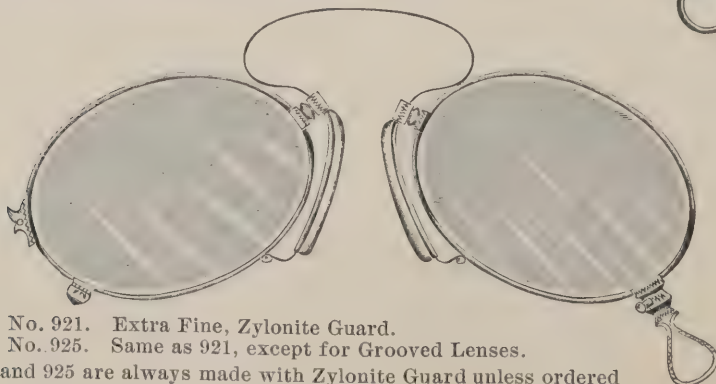
No. 881 $\frac{1}{2}$. Same as 881, except Extra Heavy.

No. 983. Same as 981, except Offset.

Backs for Repairing above Guards furnished when desired.



No. 911. Prentice Pattern, Solid Zylonite Guard.



No. 921. Extra Fine, Zylonite Guard.

No. 925. Same as 921, except for Grooved Lenses.

Nos. 921 and 925 are always made with Zylonite Guard unless ordered with Cork.

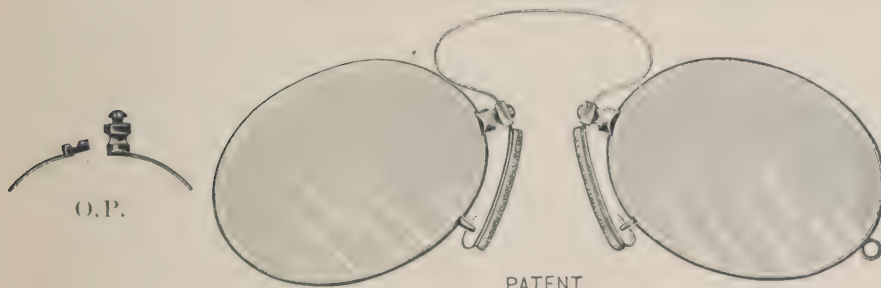
NOTE.—The No. 921 Handle can be put on any style of Eyeglass at an extra charge. Ring Handles will be furnished on any Eyeglasses when so ordered.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

GOLD EYEGLASSES.

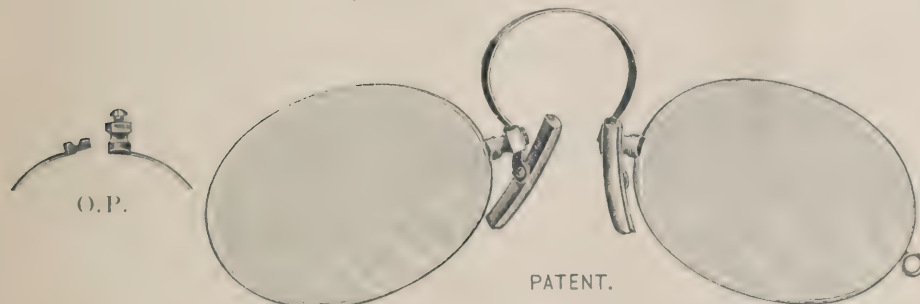


No. 12. Zylonite, with 10k. Spring, Guards and Hangers, 881 Style.



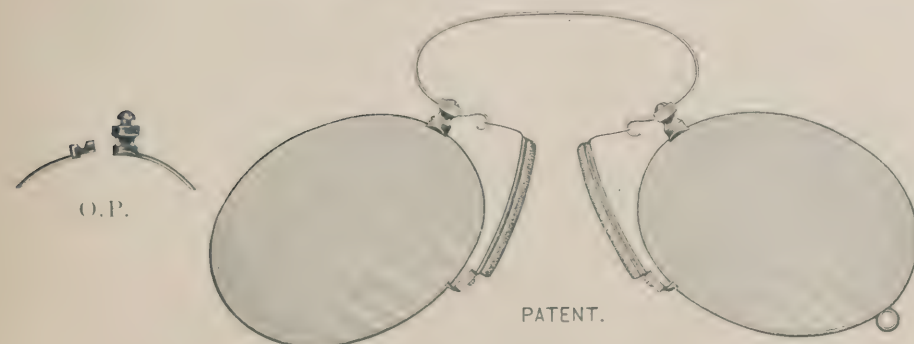
PATENT.

No. 801 "O.P." Same as 801, except opens at Post.
(For description of "O.P." see page 12.)



PATENT.

No. 803 "O.P." Same as 803, except opens at Post.
(For description of "O.P." see page 12.)

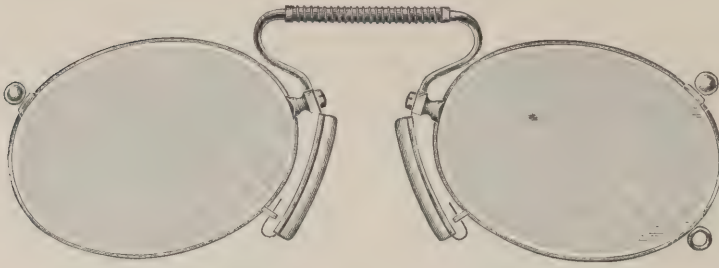


PATENT.

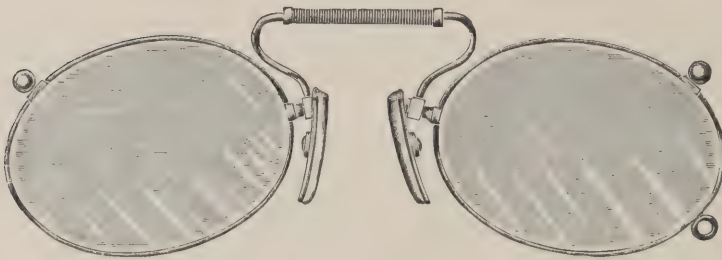
No. 881 "O.P." Same as 881, except opens at Post.
No. 883 "O.P." Same as above, except Offset.
(For description of "O.P." see page 12.)

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

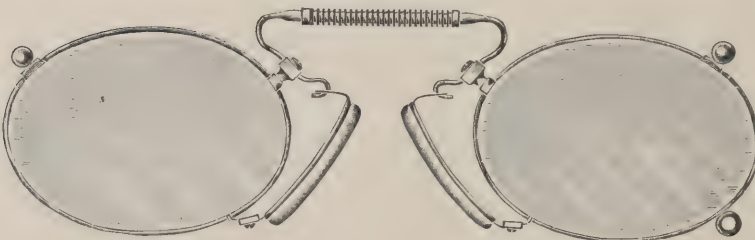
GOLD BAR SPRING EYEGLASSES.



No. 801-A. Bar Spring, Patent Interchangeable Guard.



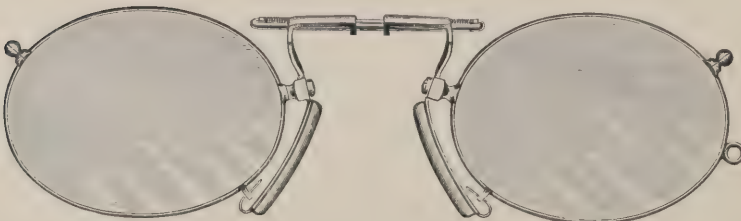
No. 803-A. Bar Spring, with 803 Guard.



No. 881-A. Bar Spring, Adjustable Spring Guard.

No. 883-A. Same as 881-A, except Offset.

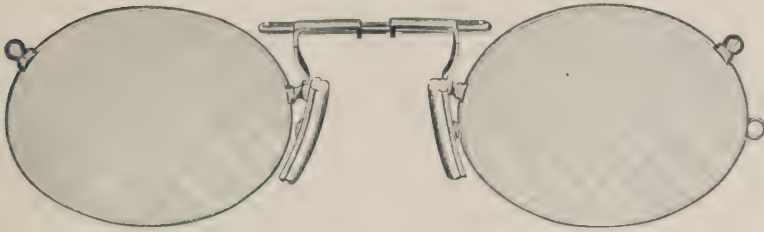
No. 863-A. Same as 883-A, except Rigid Guard.



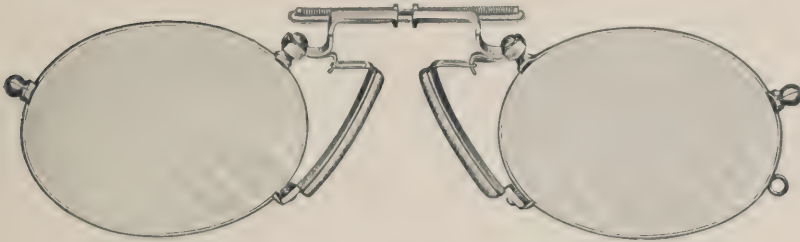
No. 801-D. Patent Bar Spring, Patent Interchangeable Guard.

Special styles of Bar Springs made to order.

GOLD BAR SPRING EYEGLASSES.



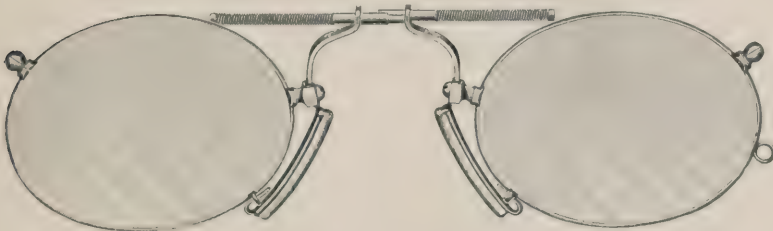
No. 803-D. Patent Bar Spring, with 803 Guard.



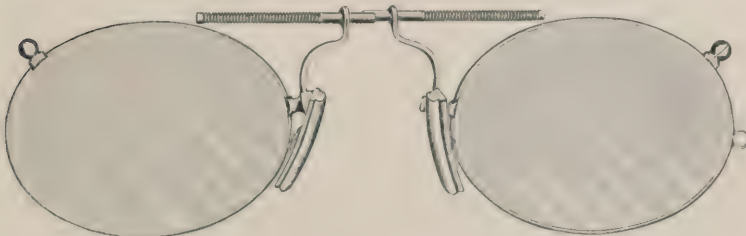
No. 881-D. Patent Bar Spring, Adjustable Spring Guard.

No. 883-D. Same as 881-D, except Offset.

No. 863-D. Same as 883-D, except Rigid Guard.



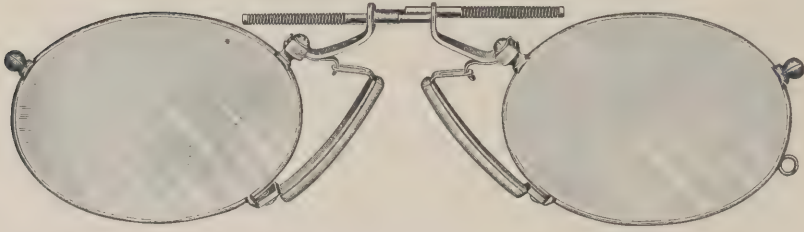
No. 801-E. Patent Bar Spring, Patent Interchangeable Guard.



No. 803-E. Patent Bar Spring, with 803 Guard.

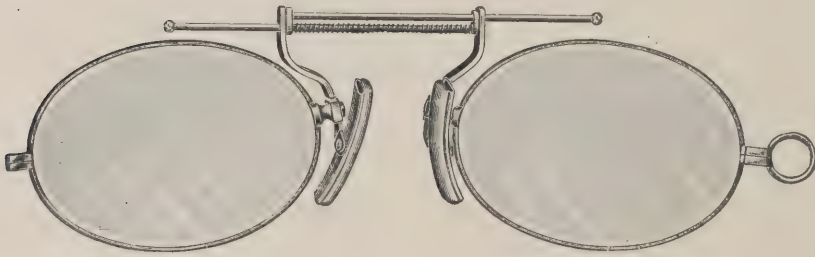
Any of our "E" or "F" Bar Spring Goods can be adjusted to the Face with One Hand.

GOLD BAR SPRING EYEGLASSES.



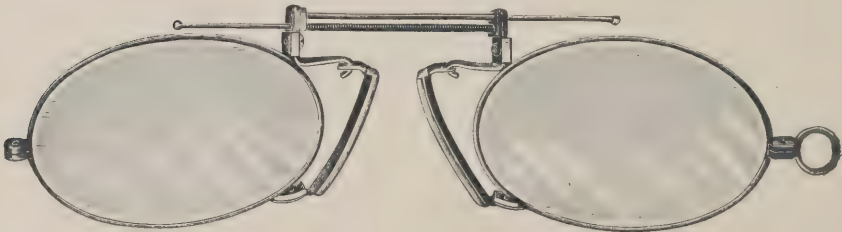
No. 881-E. Patent Bar Spring, Adjustable Spring Guard.

No. 883-E. Patent Bar Spring, Offset Guard.



No. 803-F. Farley Patent Bar Spring, with 803 Guard.

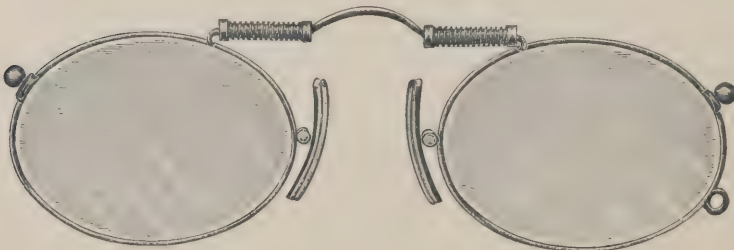
No. 801-F. Farley Patent Bar Spring, with 801 Guard.



No. 881-F. Farley Patent Bar Spring, Adjustable Spring Guard.

No. 883-F. Same as 881-F, except Offset.

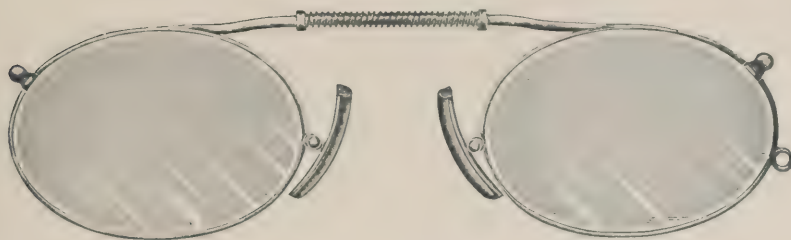
No. 863-F. Same as 883-F, except Rigid Guard.



No. 832. Rigid Bar Spring (Two Springs), Offset Rocking Guard.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

GOLD BAR SPRING EYEGLASSES AND RIMLESS
EYEGLASSES.

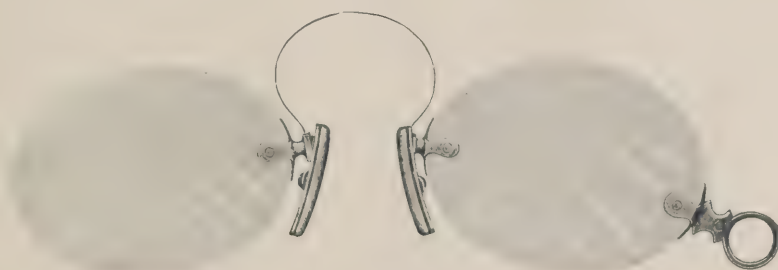


No. 833. Rigid Bar Spring, Offset Rocking Guard.



No. 890. Rimless.

No. 899. Rimless, Extra Finish, Countersunk Stud Screw, Rounded Straps.



No. 893. Rimless Offset.

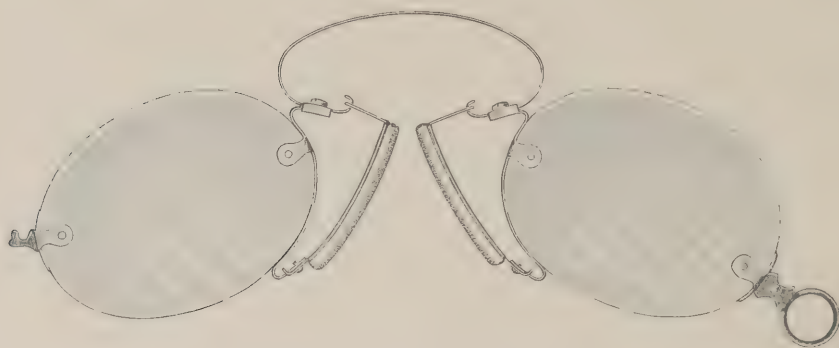


No. 894. Rimless Offset, Short Stud.

NOTE.— See page 92 for Special Sizes of Ring Handles.

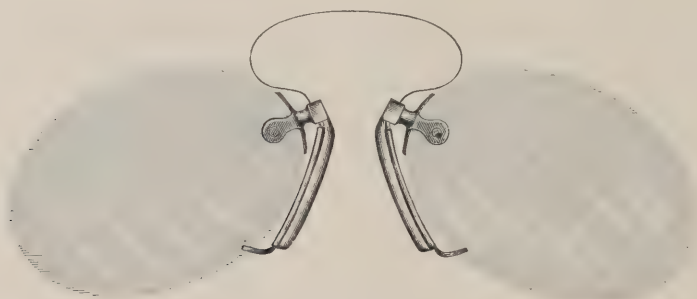
Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

GOLD RIMLESS EYEGLASSES.

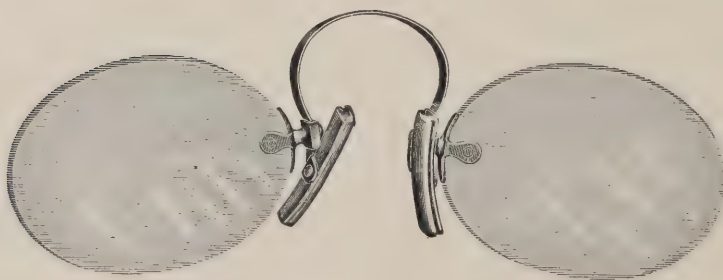


No. 890-560. Rimless, Adjustable Spring Guard.

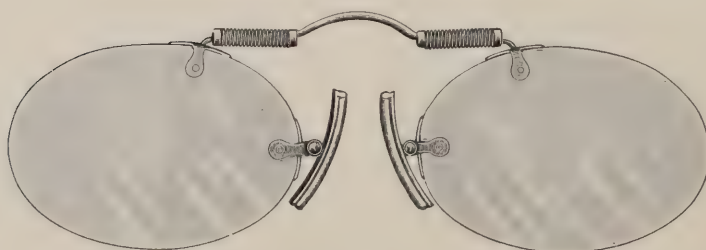
No. 890-563. Same as above, except Offset.



No. 890. No Handle, Rimless.

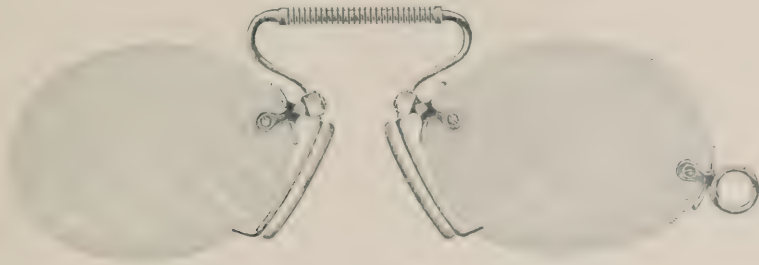


No. 893. No Handle, Rimless Offset.

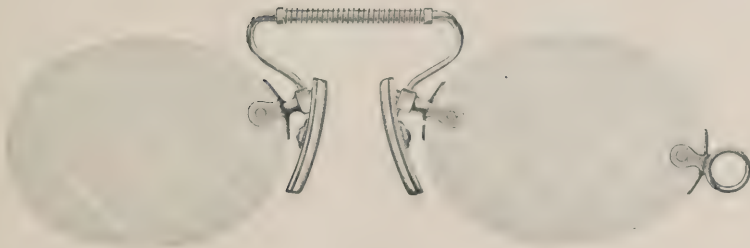


No. 892. Rimless, Rigid Bar Spring (Two Springs), Offset Rocking Guard.

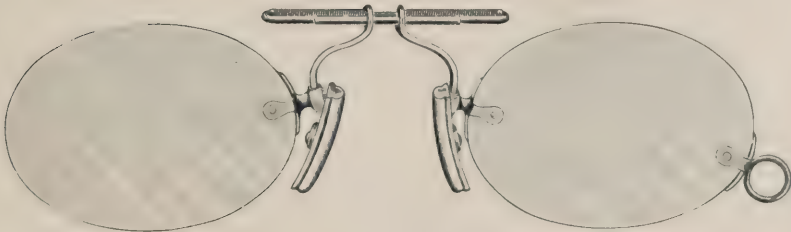
GOLD RIMLESS BAR SPRING EYEGLASSES.



No. 890-A. Rimless, Bar Spring.

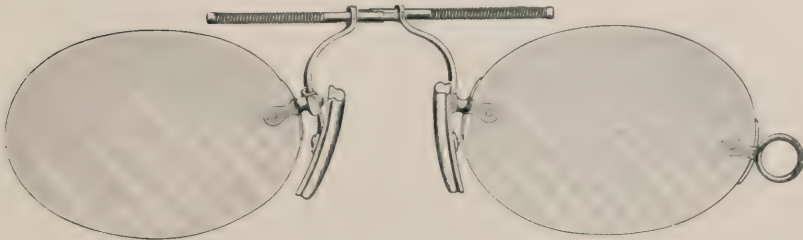


No. 893-A. Same as 890-A, except with 893 Guard.



No. 893-D. Rimless, Patent Bar Spring, Offset Guard.

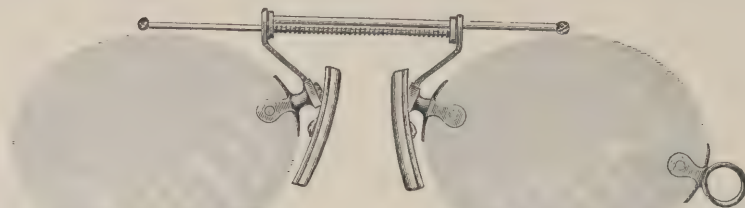
No. 890-D. Same as above, except with 890 Guard.



No. 893-E. Rimless, Patent Bar Spring, Offset Guard.

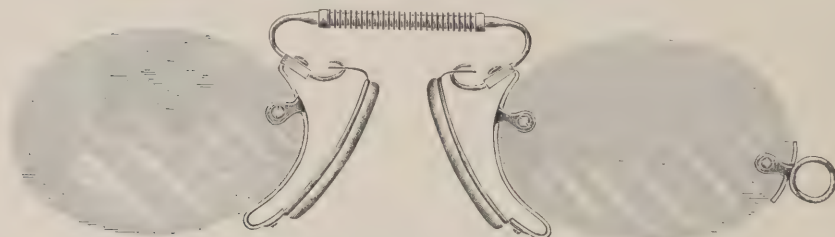
No. 890-E. Same as above, except 890 Guard.

GOLD RIMLESS BAR SPRING EYEGLASSES AND QUIZZING GLASS.



No. 893-F. Rimless, Farley Patent Bar Spring.

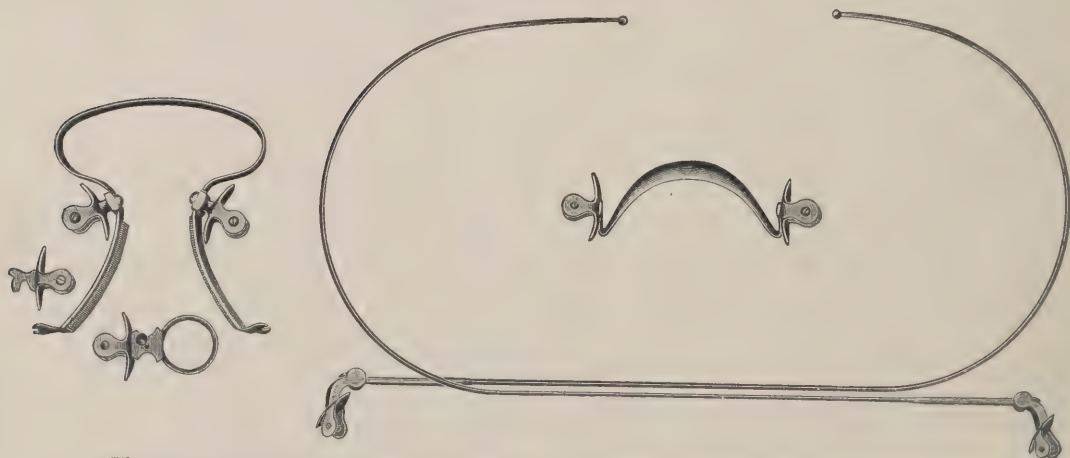
No. 890-F. Same as above, except with 890 Guard.



No. 890-560-A. Rimless, Patent Bar Spring, Adjustable Spring Guard.

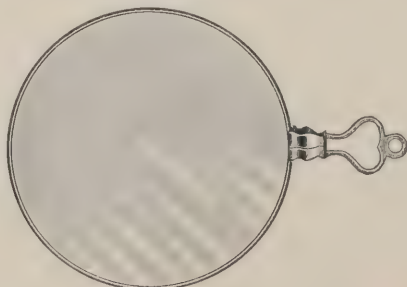
No. 890-563-A. Same as above, except Offset.

RIMLESS MOUNTINGS.



The above Cuts represent one Style each of our Rimless Eyeglass and Spectacle Mountings. We supply the same in all Styles. (See various Cuts of Rimless Goods herein illustrated, and Handles, page 92.) We furnish Mountings in Gold, Silver, Platinum, German Silver, Steel, Alumnico, Roman Alloy, Gold Filled and Gold Plated.

In ordering Rimless Mountings give the Catalogue number and add "Mountings."



Quizzing Glass. Round or Oblong.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

TRIAL SETS

AND

MATERIAL FOR THE SAME.

We wish to call the attention of the Trade to our Large Line of Trial Sets, Trial and Testing Frames, Material, etc. We guarantee our Trial Sets to be equal to any, and believe them to be more accurate than any on the Market. We keep a Stock of Cases on hand, and owing to our excellent facilities we are able to fill orders for Trial Sets at short notice. We are also prepared to fill orders for any Special Sets that may be ordered, or Material for the same.

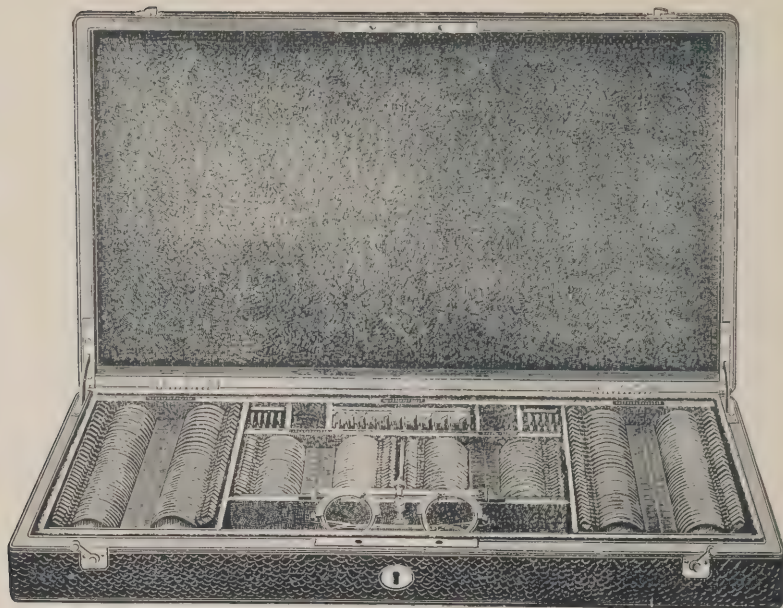
NOTE.—Sets of Prisms, square or round, can be furnished in any assortment desired.

All Lenses and Prisms are ground on the metric system.

Focus powers can be scratched or etched on Lenses when desired.

ASK FOR THE AMERICAN OPTICAL COMPANY'S GOODS AND BE SURE THAT YOU GET THEM.

TRIAL SETS.



No. 2000. Nachtet style set of First Quality Trial Lenses in Rings $1\frac{1}{2}$ inches in diameter, consisting of 30 pairs each Concave and Convex Sphericals, from 0.25 to 20. D. (160 to 2 inches) focus; 18 pairs each Concave and Convex Plano Cylinders; from 0.25 to 6. D. (160 to $6\frac{1}{2}$ inches) focus; 11 Prisms, 1 to 20^Δ ; 4 Plain Colored Glasses; 1 White Glass; 1 White Glass, Half Opaque; 2 Stenoptic Discs; 1 Blank Disc; 1 Disc with Hole; 1 Perfection Patent Adjustable Trial Frame; 1 Single or Double Cell Trial Frame.

The above in a Morocco Covered, Velvet Lined Case with Lock, and with focus numbers stamped in inches and diopters.

No. 2000 $\frac{1}{2}$.

No. 2001. Same as 2000, except with Nickel Plated Steel Rings, with plus and minus signs cut out of handles.

No. 2001 $\frac{1}{2}$.

No. 2010. Nachtet style set of First Quality Trial Lenses in Rings $1\frac{1}{2}$ inches in diameter, consisting of 32 pairs each Concave and Convex Sphericals, from 0.25 to 20. D. (160 to 2 inches) focus; 20 pairs each Concave and Convex Plano Cylinders, from 0.25 to 6. D. (160 to $6\frac{1}{2}$ inches) focus; 10 Prisms, 1 to 10^Δ ; 4 Plain Colored Glasses; 1 White Glass; 1 White Glass, Half Opaque; 2 Stenoptic Discs; 1 Blank Disc; 1 Disc with Hole; 1 Perfection Patent Adjustable Trial Frame; 1 Single or Double Cell Trial Frame.

The above in a Morocco Covered, Velvet Lined Case with Lock, and with focus numbers stamped in inches and diopters.

No. 2010 $\frac{1}{2}$.

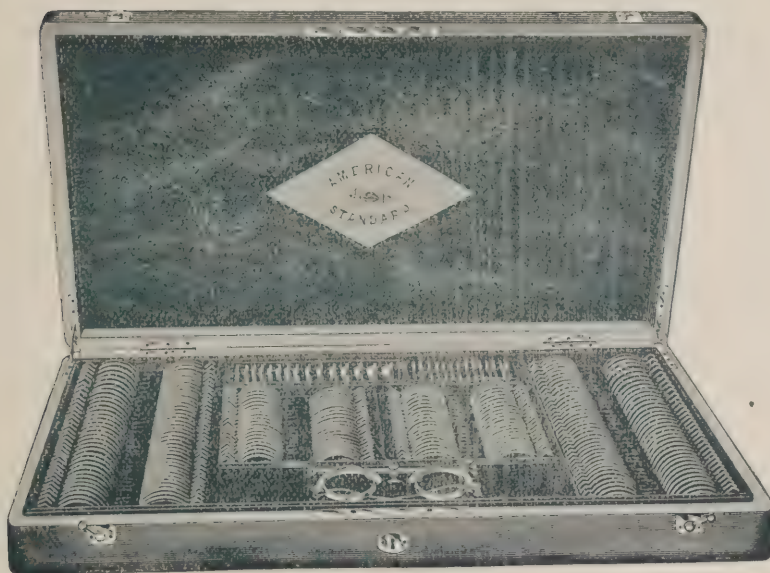
No. 2011. Same as 2010, except with Nickel Plated Steel Rings, with plus and minus signs cut out of handles.

No. 2011 $\frac{1}{2}$.

NOTE.—The focus numbers in Cases Nos. 2020 to 2022 $\frac{1}{2}$, and 2070 to 2073 $\frac{1}{2}$, are stamped in diopters only, unless ordered otherwise. All others have both diopter and inch numbers.

All the foregoing Cases, with the exception of Nos. 2090, 2091, 2093, 2094 and 2096, can be furnished with Beveled Plate Glass Panel in Lid. The same styles can also be furnished in Polished Oak Wood Cases.

TRIAL SETS.



- No. 200. Set of First Quality Trial Lenses in Nachet Rings, $1\frac{1}{2}$ inches in Diameter, consisting of 35 pairs each Concave and Convex Sphericals, from 0.125 to 20. D. focus; 21 pairs each Concave and Convex Plano Cylinders, from 0.25 to 6. D. focus; 4 pairs Prisms, 1 to 4^Δ , and 7 Prisms, 5 to 20^Δ ; 7 Plain Colored Glasses; 1 White Glass; 1 White Glass, Half Opaque; 2 Stenoptic Discs; 1 Blank Disc; 2 Discs with Hole; 1 Perfection Patent Adjustable Trial Frame; 1 Single Cell Trial Frame.

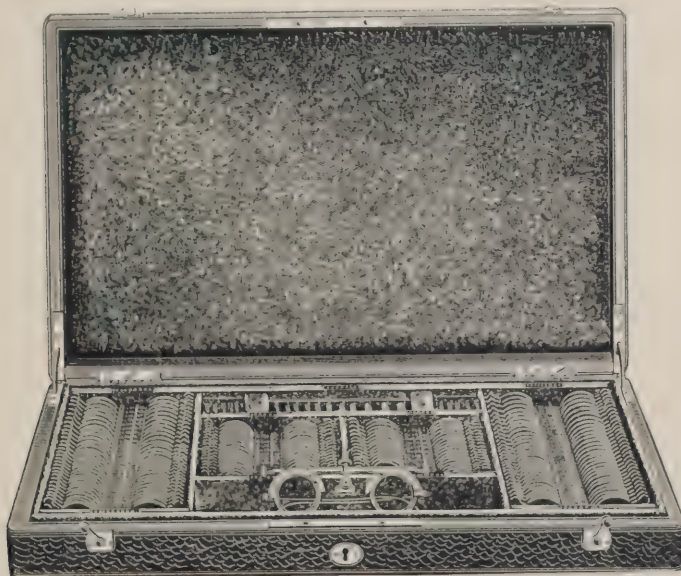
The above in a Morocco Covered, Velvet Lined Case with Lock, and focus numbers stamped in diopters.

No. 200 $\frac{1}{2}$.

No. 201. Same as 200, except with Nickel Plated Steel Rings, with plus and minus signs cut out of handles.

No. 201 $\frac{1}{2}$.

No. 202. Same as 200, except with "Extra Fine" Solid Gilt and White Rings with focus stamped on handles.



No. 2003. Same as 2001, except with Rings $1\frac{1}{4}$ inches diameter.

No. 2003 $\frac{1}{2}$.

No. 2013. Same as 2010, except with Rings $1\frac{1}{4}$ inches diameter.

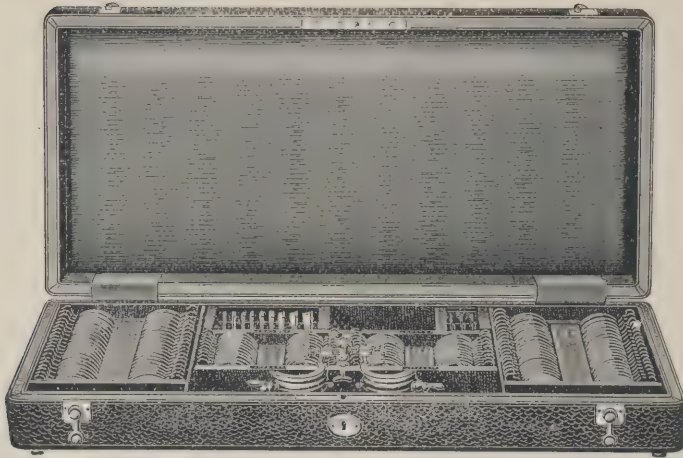
No. 2013 $\frac{1}{2}$.

No. 2023. Same as 2021, except with Rings $1\frac{1}{4}$ inches diameter.

No. 2023 $\frac{1}{2}$.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

TRIAL SETS.



No. 2070 "Junior." Set of First Quality Trial Lenses in Nachet Rings $1\frac{1}{4}$ inches diameter, consisting of 25 Spherical Powers each Concave and Convex, from .125 to 20. D.; 1 pair each from .125 to 6. D., and 1 each from 7. to 20. D.; 14 Plano Cylindrical Powers each Concave and Convex, from .125 to 4. D.; 1 pair each from .125 to 1.50 D.; and 1 each 1.75 to 4. D.; 3 pairs of Prisms, from 1 to 3^{Δ} , and 3 Prisms 5 to 15^{Δ} ; 1 Colored Glass (Red); 1 Pin Hole Disc; 1 Blank Disc; 1 Stenoptic Disc; 1 Drop Eye, Three Cell Patent Adjustable Trial Frame (No. 2309); 1 Single Cell Trial Frame (No. 2220).

The above in a Morocco Covered, Velvet lined Case with Lock, and focus numbers stamped in diopters.

No. 2070 $\frac{1}{2}$. Same as 2070, except with Second Quality Lenses.

No. 2073. Same as 2070, except with Nickel Plated Steel Rings, with plus and minus signs cut out of the handles.

No. 2073 $\frac{1}{2}$. Same as 2073, except with Second Quality Lenses.



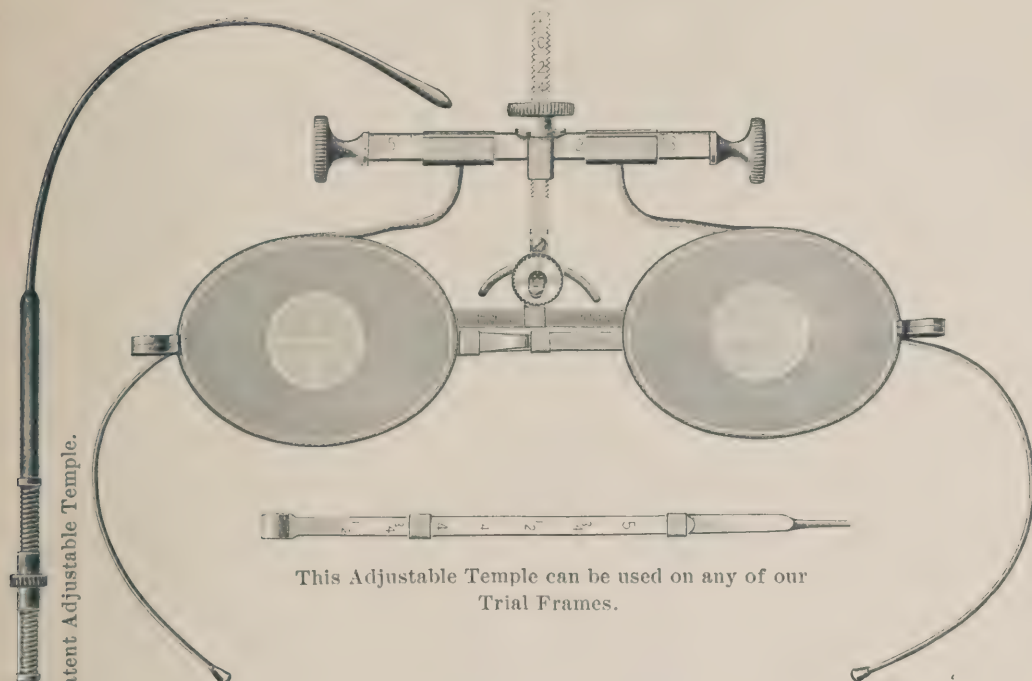
No. 2090. Set of Trial Lenses in $1\frac{1}{2}$ inch Nachet Rings, consisting of 24 pairs each Concave and Convex Sphericals, 5 to 80 inches, and 1 Single Cell Trial Frame. In Leather Covered Case.

No. 2093. Same as 2090, except with $1\frac{1}{4}$ inch Nachet Rings.

No. 2094. Same as 2090, except without Rings.

No. 2096. Same as 2093, except without Rings.

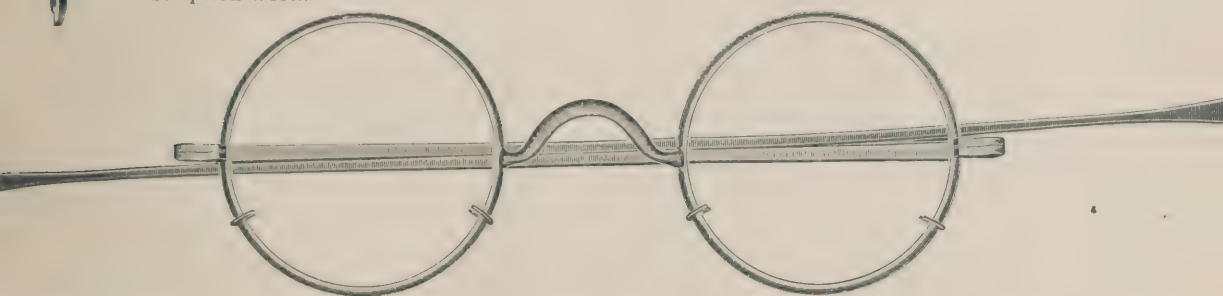
TRIAL FRAMES.



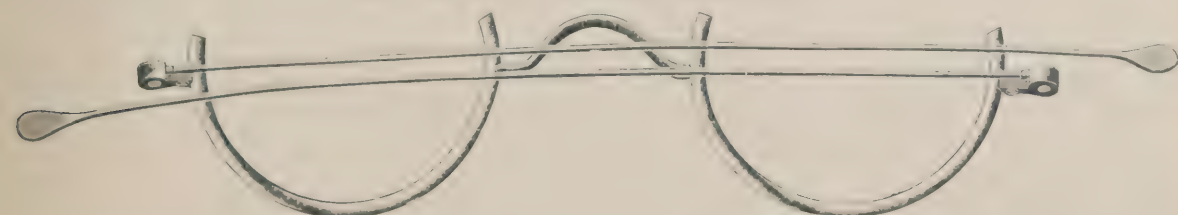
This Adjustable Temple can be used on any of our Trial Frames.

No. 2206. Measuring Frame.

Particular attention is called to this Frame. The pupillary distance, height of bridge above or below center line, and distance between temples, are all accurately shown. Ground glass lenses, with a clear space in the center crossed by hair lines, are fitted in the eyes. It will be readily seen that by this means the pupillary distance and height may be easily found. In addition to this the Frame is furnished with Adjustable Riding Temples, which give the necessary length of temple required. We would call particular attention to this latter point, as it is an entirely new feature. We recommend this Frame for all who make a specialty of doing prescription work.



No. 2210. Hooks front and back to hold two $1\frac{1}{2}$ in. Lenses. No. 2213. Hooks front and back to hold two $1\frac{1}{4}$ in. Lenses. Also made to hold Oval Lenses of any size.



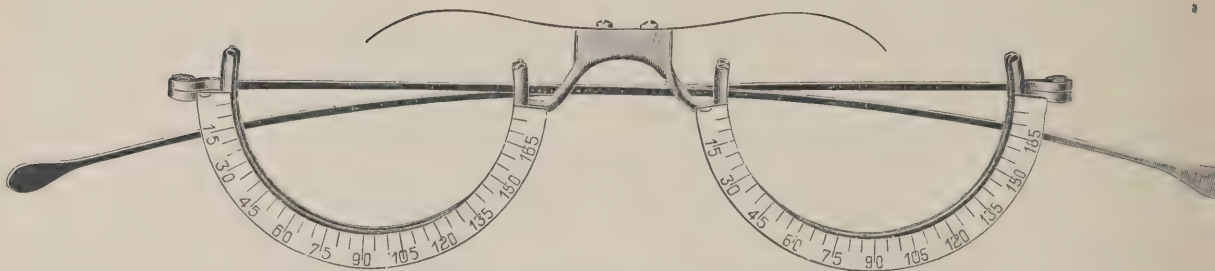
- No. 2220. Single Cell, Round Eye, $1\frac{1}{2}$ inch diam.
 No. 2223. Single Cell, Round Eye, $1\frac{1}{4}$ inch diam.
 No. 2230. Same as 2220, with Spring.
 No. 2233. Same as 2223, with Spring.

- No. 2240. Double Cell, Round Eye, $1\frac{1}{2}$ inch diam.
 No. 2243. Double Cell, Round Eye, $1\frac{1}{4}$ inch diam.
 No. 2250. Same as 2240, with Spring.
 No. 2253. Same as 2243, with Spring.

NOTE.—Nos. 2220 and 2240 made with any size Oval Eye. Give size when ordering.

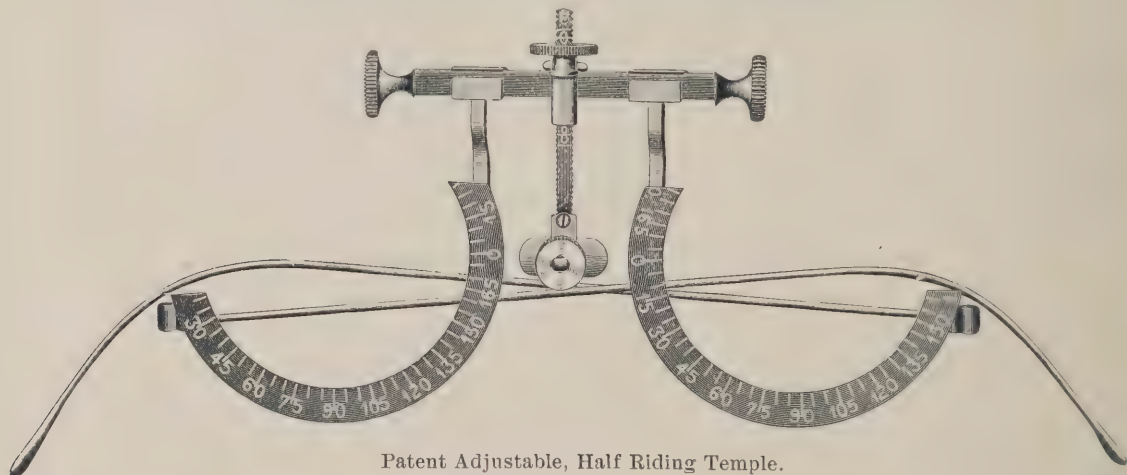
Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

TRIAL FRAMES.



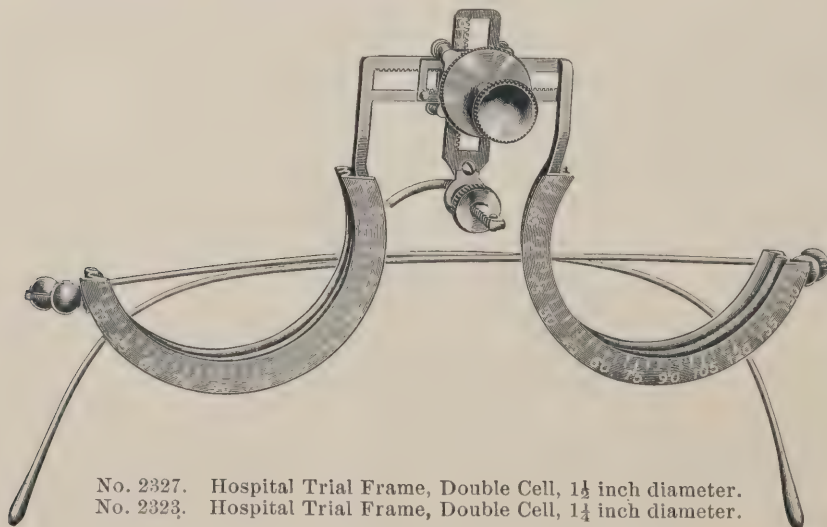
- No. 2260. Double Cell, with Spring and Scale, $1\frac{1}{2}$ inch diameter.
 No. 2263. Double Cell, with Spring and Scale, $1\frac{1}{4}$ inch diameter.
 No. 2268. Same as 2260, with Three Cells.
 No. 2269. Same as 2263, with Three Cells.

NOTE.—Frames Nos. 2220 and 2269 furnished with Wide, Flat Temples, if desired.



Patent Adjustable, Half Riding Temple.

- | | |
|--|--|
| No. 2307. Drop Eye, Double Cell, $1\frac{1}{2}$ inch diameter. | No. 2317. Same as 2307, except with Rack and Pinion. |
| No. 2303. Drop Eye, Double Cell, $1\frac{1}{4}$ inch diameter. | No. 2313. Same as 2303, except with Rack and Pinion. |
| No. 2308. Drop Eye, Three Cell, $1\frac{1}{2}$ inch diameter. | No. 2318. Same as 2308, except with Rack and Pinion. |
| No. 2309. Drop Eye, Three Cell, $1\frac{1}{4}$ inch diameter. | No. 2319. Same as 2309, except with Rack and Pinion. |

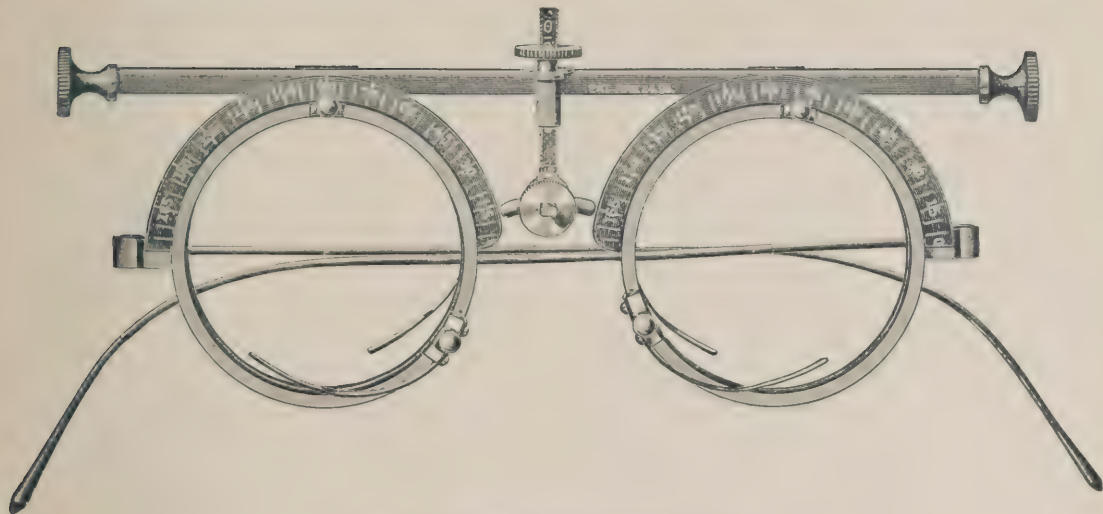


- No. 2327. Hospital Trial Frame, Double Cell, $1\frac{1}{2}$ inch diameter.
 No. 2323. Hospital Trial Frame, Double Cell, $1\frac{1}{4}$ inch diameter.

NOTE.—Any of the above Frames furnished with Straight Temples if so desired.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

TRIAL FRAMES.



Patent Adjustable, Half Riding Temples.

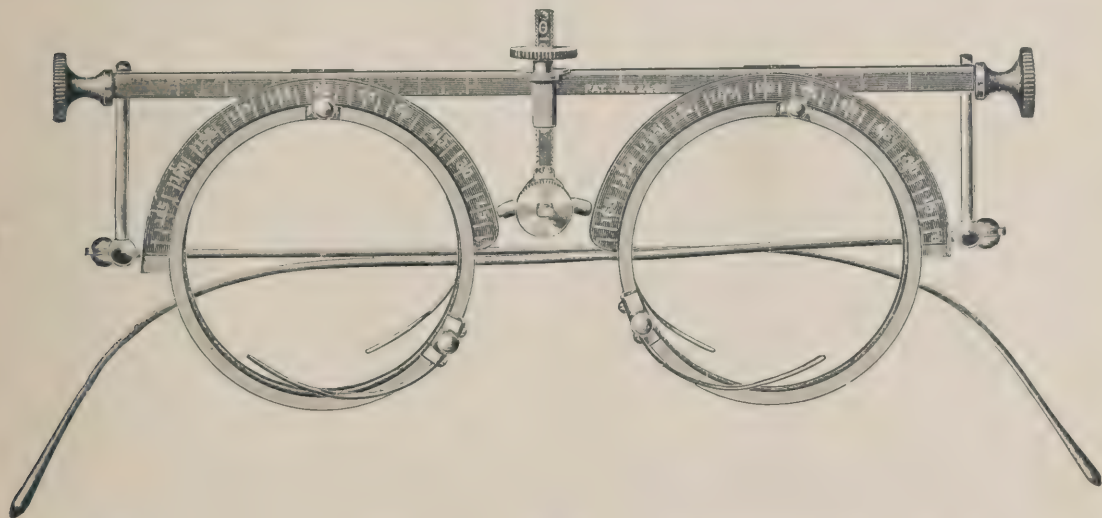
No. 2347. Perfection, Double Cell, $1\frac{1}{2}$ inch diameter.No. 2343. Perfection, Double Cell, $1\frac{1}{4}$ inch diameter.No. 2348. Perfection, Three Cell, $1\frac{1}{2}$ inch diameter.No. 2349. Perfection, Three Cell, $1\frac{1}{4}$ inch diameter.

No. 2357. Same as 2347, except with Rack and Pinion.

No. 2353. Same as 2343, except with Rack and Pinion.

No. 2358. Same as 2348, except with Rack and Pinion.

No. 2359. Same as 2349, except with Rack and Pinion.



Patent Adjustable, Half Riding Temple, attached to rigid arms independent of the eyes.

No. 2367. Double Cell, $1\frac{1}{2}$ inch diameter.No. 2363. Double Cell, $1\frac{1}{4}$ inch diameter.No. 2368. Three Cell, $1\frac{1}{2}$ inch diameter.No. 2369. Three Cell, $1\frac{1}{4}$ inch diameter.

No. 2377. Same as 2367, except with Rack and Pinion.

No. 2373. Same as 2363, except with Rack and Pinion.

No. 2378. Same as 2368, except with Rack and Pinion.

No. 2379. Same as 2369, except with Rack and Pinion.

Any Trial Frames furnished with Straight Temples if so desired.

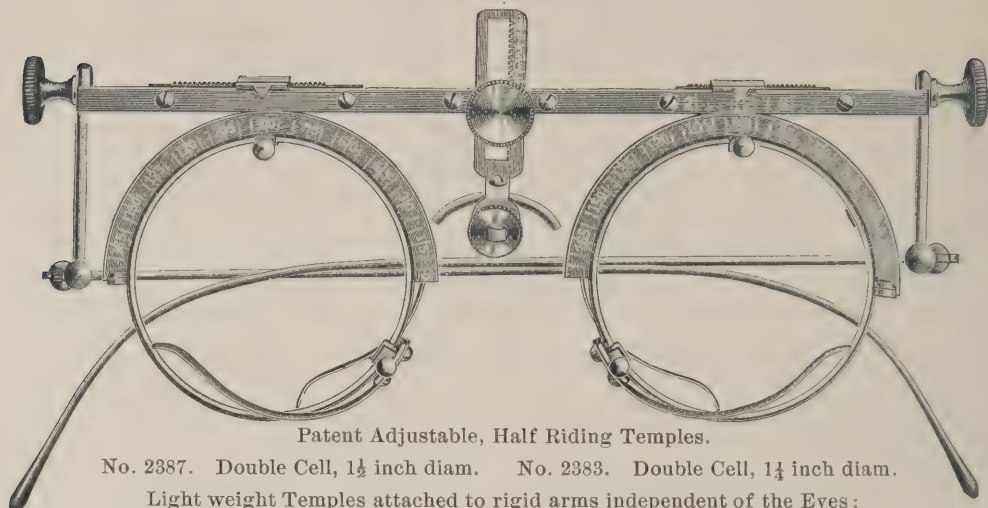
We would call particular attention to our New Double Adjustment Attachment, by means of which each eye can be adjusted independent of the other. The adjustment is so constructed that you can tell at a glance the distance of each eye from the center of the bridge, also the total distance between the centers.

When ordering add "D" to the number of the Frame desired.

Rotating Prism Frames, to hold square or round prisms of any size, made to order.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

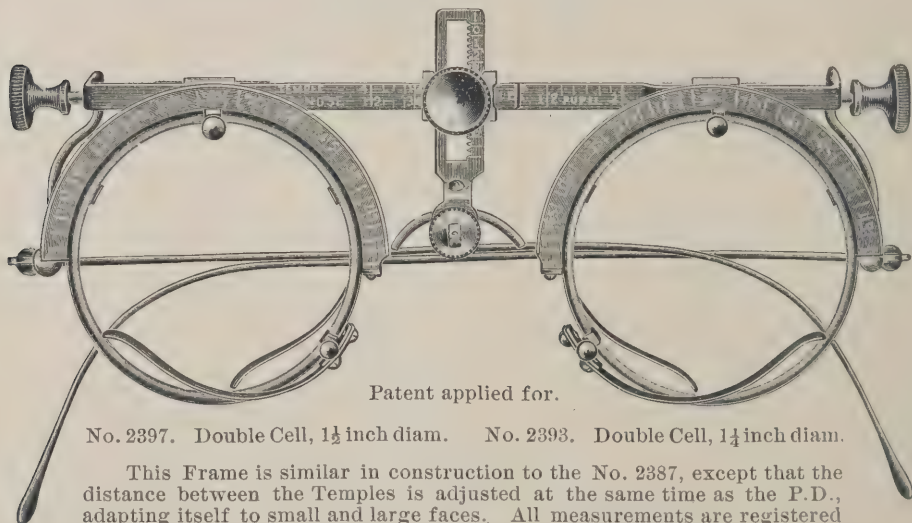
TRIAL FRAMES.



Patent Adjustable, Half Riding Temples.

No. 2387. Double Cell, $1\frac{1}{2}$ inch diam. No. 2383. Double Cell, $1\frac{1}{4}$ inch diam.

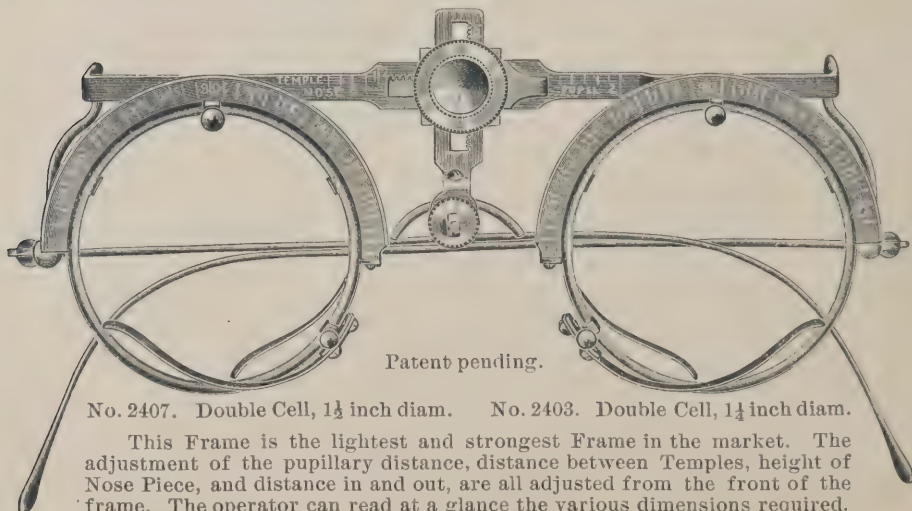
Light weight Temples attached to rigid arms independent of the Eyes;
tempered steel, very strong.



Patent applied for.

No. 2397. Double Cell, $1\frac{1}{2}$ inch diam. No. 2393. Double Cell, $1\frac{1}{4}$ inch diam.

This Frame is similar in construction to the No. 2387, except that the distance between the Temples is adjusted at the same time as the P.D., adapting itself to small and large faces. All measurements are registered on the front of the Frame. This is a very desirable Frame.



Patent pending.

No. 2407. Double Cell, $1\frac{1}{2}$ inch diam. No. 2403. Double Cell, $1\frac{1}{4}$ inch diam.

This Frame is the lightest and strongest Frame in the market. The adjustment of the pupillary distance, distance between Temples, height of Nose Piece, and distance in and out, are all adjusted from the front of the frame. The operator can read at a glance the various dimensions required.

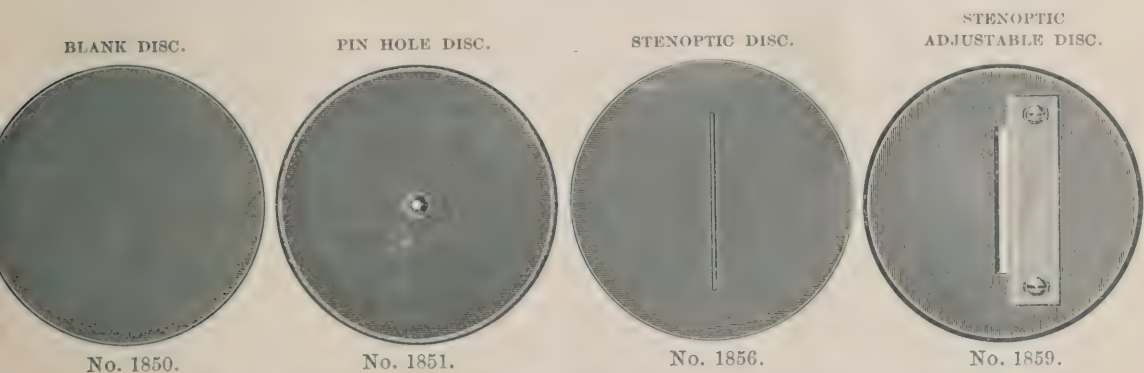
NOTE.—Any of the above Frames can be supplied with Straight Temples or Patent Extension Temples when desired.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

TEST RINGS AND DISCS.



- No. 1800. Nachet Style, gilt and white, $1\frac{1}{2}$ inch diameter.
 Nachet Style, gilt and white, without handle, $1\frac{1}{2}$ inch diameter.
 No. 1801. Steel, nickel plated, $1\frac{1}{2}$ inch diameter, + and — signs cut out of handles.
 Steel, nickel plated, without handle, $1\frac{1}{2}$ inch diameter.
 No. 1802. Extra fine, solid gilt and white, $1\frac{1}{2}$ inch diameter.
 Extra fine, solid gilt and white, without handle, $1\frac{1}{2}$ inch diameter.
 No. 1803. Same as 1801, except $1\frac{1}{4}$ inch diameter.
 No. 1804. Nachet Style, gilt and white, $1\frac{1}{4}$ inch diameter.
 No. 1812. Same as 1802, except style of handle. (See cuts of handles.)



Made of hard rubber, oxidized brass or steel, mounted to order in any of the above style Test Rings.

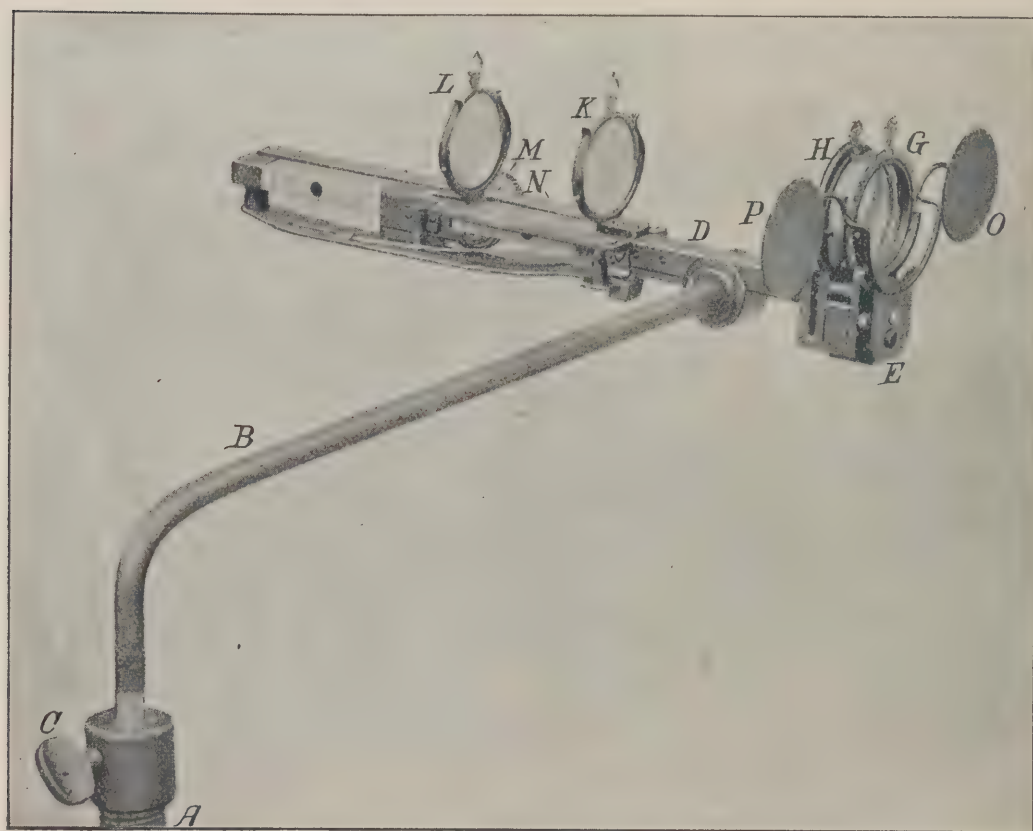


The Metal Mount can be used for Prisms and Strong Convex and Concave Lenses, when desired, for Test Cases.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

THE WEILAND OPTOMETER.

AN INSTRUMENT FOR TESTING HYPEROPIA, MYOPIA, PRESBYOPIA
AND ASTIGMATISM.



Invented by D. V. BROWN. (Patent applied for.)

This very practical and ingenious instrument will be found a valuable assistant to the Test Case, for determining the error of refraction quickly and accurately.

Circulars giving full instructions and information will be sent upon application.

AMERICAN STANDARD LENSES.



The above trade-mark will be found on all packages of our first quality Lenses. American Lenses have earned the reputation of "Standard" for their fine quality and finish. This standard will be held and improved. Give them a trial.

ASK FOR THE AMERICAN OPTICAL COMPANY'S GOODS AND BE SURE THAT YOU GET THEM.

COMPARATIVE LIST OF THE DIOPTRAL AND INCH SYSTEMS.

WE CAN ONLY FURNISH THE RED NUMBERS.

DIOPTERS.	INCHES.	DIOPTERS.	INCHES.	DIOPTERS.	INCHES.	DIOPTERS.	INCHES.
0.125	315.	1.125	35.	3.	13.12	7.16	5.50
0.22	180.	1.15	34.	3.03	13.	7.50	5.25
0.25	157.48	1.23	32.	3.25	12.11	7.87	5.
0.27	144.	1.25	31.50	3.28	12.	8.	4.92
0.33	120.	1.31	30.	3.50	11.25	8.29	4.75
0.375	104.99	1.375	28.63	3.58	11.	8.50	4.63
0.39	100.	1.40	28.	3.75	10.50	8.75	4.50
0.44	90.	1.50	26.25	3.875	10.16	9.	4.37
0.49	80	1.51	26.	3.94	10.	9.26	4.25
0.50	78.74	1.625	24.23	4.	9.84	9.50	4.14
0.55	72.	1.64	24.	4.14	9.50	9.84	4.
0.625	62.99	1.75	22.50	4.25	9.26	10.	3.94
0.66	60.	1.79	22.	4.37	9.	10.50	3.75
0.68	58.	1.875	21.	4.50	8.75	11.	3.58
0.70	56.	1.97	20.	4.63	8.50	11.25	3.50
0.73	54.	2.	19.68	4.75	8.29	12.	3.28
0.75	52.50	2.07	19.	4.92	8.	12.11	3.25
0.76	52	2.125	18.53	5.	7.87	13.	3.03
0.78	50.	2.19	18.	5.25	7.50	13.12	3.
0.82	48.	2.25	17.50	5.50	7.16	14.	2.81
0.85	46.	2.31	17.	5.62	7.	14.32	2.75
0.875	44.99	2.375	16.58	5.75	6.85	15.	2.62
0.89	44.	2.46	16.	6.	6.56	15.75	2.50
0.94	42.	2.50	15.75	6.06	6.50	16.	2.46
0.98	40.	2.625	15.	6.25	6.30	17.50	2.25
1.	39.37	2.75	14.32	6.50	6.06	18.	2.19
1.04	38.	2.81	14.	6.56	6.	19.68	2.
1.09	36.	2.875	13.69	7.	5.62	20.	1.97

Orders for Spherical Lenses for Spectacles and Eyeglasses, in either system, should be confined to the red numbers, as the above list is furnished simply for comparison.

Special Lenses, all powers and sizes, made to order.

TELEGRAPHIC CODE FOR USE IN ORDERING LENSES.

DIOPTRAL SYSTEM.					DIOPTRAL SYSTEM.				
Diop- ters.	Spherical Convex.	Spherical Concave.	Cylinder Convex.	Cylinder Concave.	Diop- ters.	Spherical Convex.	Spherical Concave.	Cylinder Convex.	Cylinder Concave.
0.12½	Skeel	Search	Commerce	Cricket	9.00	Sebate	Sample	Cradle	Cursor
0.25	Skiff	Seam	Commode	Crisis	10.00	Sedan	Salute	Craft	Cystic
0.37½	Skull	Script	Common	Critic	11.00	Secess	Sally	Crane	Cyprus
0.50	Sketch	Screw	Compass	Cross	12.00	Section	Sagene	Cravatte	Cynic
0.62½	Skout	Screen	Complex	Crown	13.00	Secant	Sabian	Crayon	Cymbal
0.75	Skate	Serap	Concern	Crumb	14.00	Secret	Sabot	Creation	Cyma
0.87½	Size	Scotch	Cone	Crystal	16.00	Seclé	Sacrist	Credit	Cycle
1.00	Sky	Scoop	Congress	Culprit	18.00	Second	Savage	Creed	Cypress
1.25	Six	Science	Concord	Current	20.00	Season	Saturn	Crescent	Czar
1.50	Sink	School	Consul	Cutter					
1.75	Sin	Scholar	Contra	Custom					
2.00	Silver	Scent	Cool	Cushion					
2.25	Silk	Scar	Concert	Curve					
2.50	Sign	Scale	Copper	Cube					
2.75	Siege	Saw	Copy	Cubic					
3.00	Side	Sand	Coral	Cuckoo					
3.25	Sick	Salt	Cord	Cudden					
3.50	Shrew	Saint	Comet	Cue					
3.75	Show	Saddle	Consort	Cuff					
4.00	Shot	Sabre	Corsair	Culture					
4.25	Shoal	Sack	Cost	Cup					
4.50	Ship	Saba	Cork	Cupola					
4.75	Shield	Sacred	Count	Curlew					
5.00	Sheet	Sail	Counter	Curtain					
5.50	Sheath	Sage	Corona	Custard					
6.00	Sharp	Saline	Counsel	Cuban					
6.50	Sextant	Sallet	Courage	Cuirass					
7.00	Settle	Salve	Court	Cumber					
7.50	Session	Saltant	Cow	Culvert					
8.00	Service	Sandal	Crab	Cupid					

PRENTICE DIOPTRAL PRISMS.*

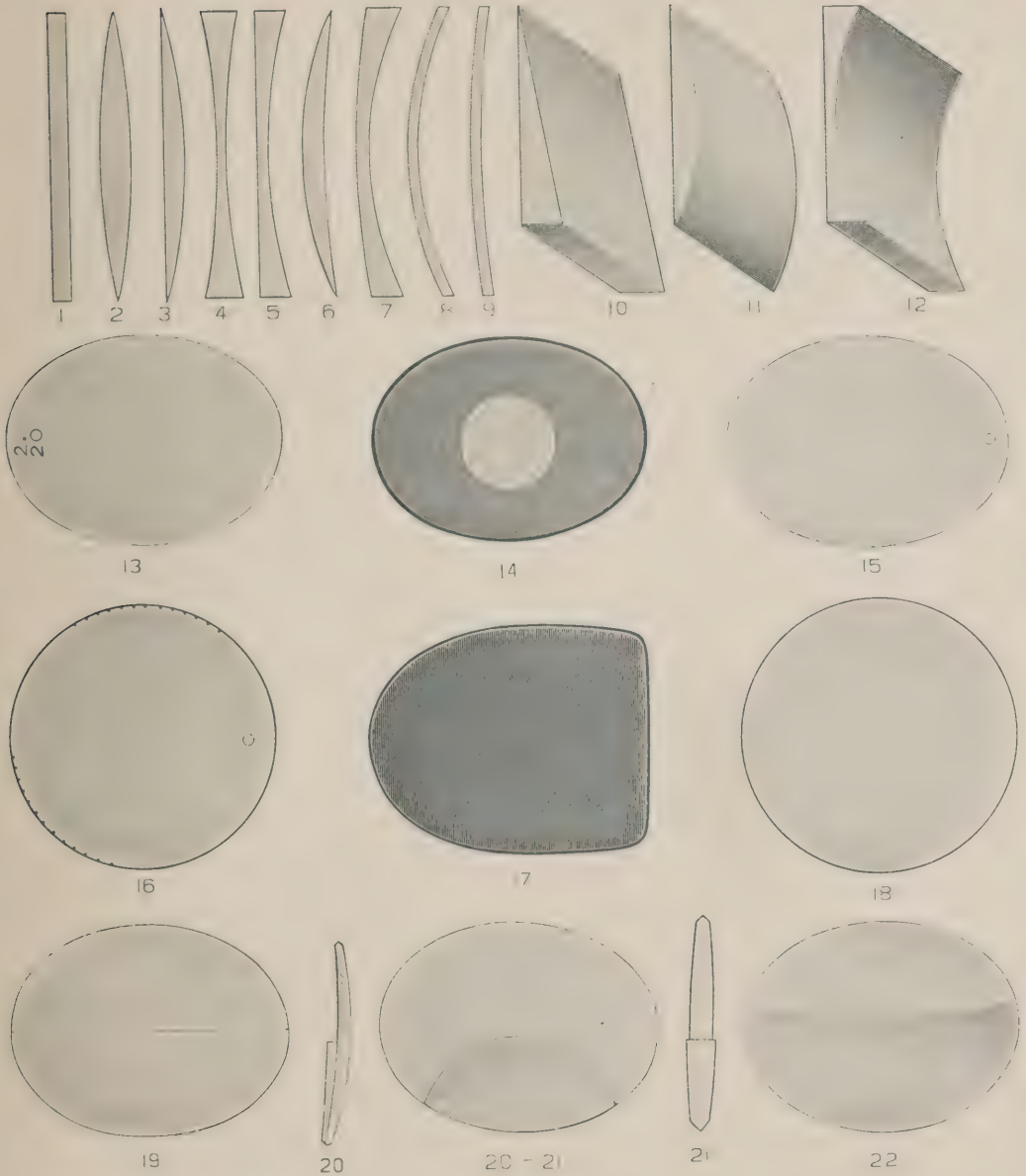
1 ¹ / ₄ Δ	Pace	9 Δ	Pepper
1 ¹ / ₂ Δ	Paddle	10 Δ	Period
1 ¹ / ₂ Δ	Pagan	11 Δ	Person
2 Δ	Pail	12 Δ	Petal
2 ¹ / ₂ Δ	Paint	13 Δ	Piece
3 Δ	Palace	14 Δ	Pilgrim
3 ¹ / ₂ Δ	Palette	15 Δ	Pillow
4 Δ	Panic	16 Δ	Pine
4 ¹ / ₂ Δ	Parish	17 Δ	Plank
5 Δ	Parot	18 Δ	Play
6 Δ	Peace	19 Δ	Plate
7 Δ	Pedal	20 Δ	Plume
8 Δ	Pension	30 Δ	Pocket

The above are intended for Spherical Double, Cylinder and Prism Lenses, finished on both sides. Add "Periscope," "Smoke," "Blue," "Pink" or "Rough" to any of the above, when Lenses of respective description are wanted.

*The figure of a prism (Δ) affixed to the prism numerals is the symbolic sign of the Prism-Diopter, being also the letter D of the old Greek alphabet. The lower numbers, 1Δ to 3Δ, vary only slightly from the old degree system, 1° to 3°.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

SPECTACLE AND EYEGLASS LENSES.

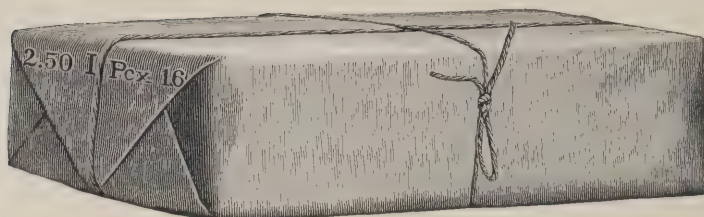


- | | |
|------------------------|------------------------------|
| 1. Plano. | 12. Concave Cylinder. |
| 2. Double Convex. | 13. Interchangeable. |
| 3. Plano Convex. | 14. Shooting. |
| 4. Double Concave. | 15. Frameless Lens, drilled. |
| 5. Plano Concave. | 16. Dude Glass. |
| 6. Periscopic Convex. | 17. Horse-Shoe. |
| 7. Periscopic Concave. | 18. Round Test Case. |
| 8. Coquille. | 19. Split Bifocal. |
| 9. Mi-Coquille. | 20. Cemented Bifocal. |
| 10. Plano Prism. | 21. Perfection Bifocal. |
| 11. Convex Cylinder. | 22. Whole Bifocal. |

SPECIAL LENSES, ALL POWERS AND SIZES, MADE TO ORDER.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

UNCUT LENSES.

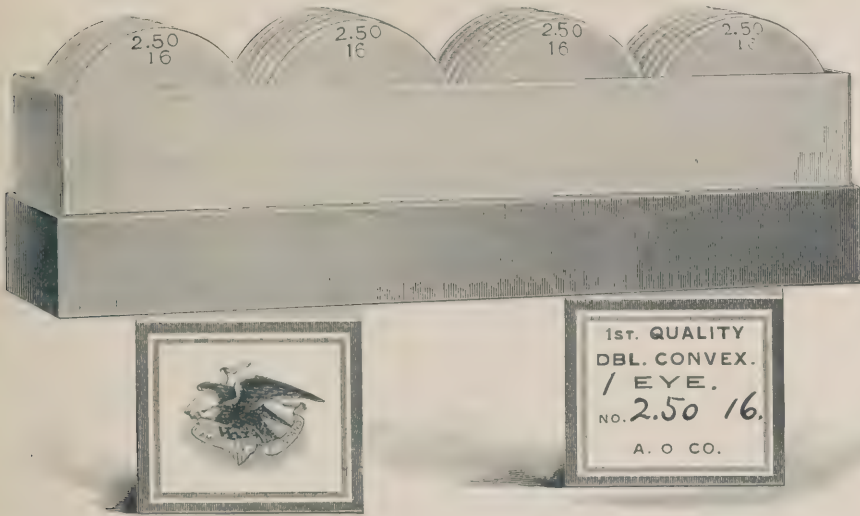


NOTE.—Our Lenses are made of very hard white stock and are all ground in the Dioptral system, each package of the Sphericals being stamped with the Diopter and corresponding Inch number. Prisms ground on the Prentice Dioptral system.

We manufacture and keep in stock the following uncut Lenses in first and second quality :

Plano White.	Smoke Plano.
Plano Convex.	Smoke Cx.
Plano Concave.	Smoke Cc.
Plano Cx., round, $1\frac{1}{2}$ in. diam.	Smoke Pcx.
Plano Cc., round, $1\frac{1}{2}$ in. diam.	Smoke Pecc.
Convex.	Smoke Plano Horseshoe.
Concave.	Smoke Mi-Coquille.
Convex, round, $1\frac{1}{2}$ in. diam.	Smoke Coquille.
Concave, round, $1\frac{1}{2}$ in. diam.	Smoke Coquille, extra large.
Periscopic Cx.	Ground Coquille Smoke.
Periscopic Cc.	Ground Coquille Smoke, extra large.
Periscopic Cx., thick.	Convex Pebbles.
Periscopic Cx., round, $1\frac{1}{2}$ in. diam.	Periscopic Cx. Pebbles.
Periscopic Cc., round, $1\frac{1}{2}$ in. diam.	Periscopic Cc. Pebbles.
Pink Periscopic Cx.	Strong Cx.
Pink Periscopic Cc.	Strong Cc.
Pink Cc.	Strong Periscopic Cx.
Convex Whole Bifocal.	Strong Periscopic Cc.
Convex for Cemented Bifocal.	Strong Cx., round, $1\frac{1}{2}$ in. diam.
Prisms, Diopter or Degree.	Strong Cc., round, $1\frac{1}{2}$ in. diam.
Shooting.	Strong Plano Cx., round, $1\frac{1}{2}$ in. diam.
Electric.	Strong Plano Cc., round, $1\frac{1}{2}$ in. diam.
Blue Pcx., all shades from 1 to 6.	Strong Pcx., round, $1\frac{1}{2}$ in. diam.
Blue Pecc., all shades from 1 to 6.	Strong Pecc., round, $1\frac{1}{2}$ in. diam.
Smoke Pcx., all shades from 1 to 6.	Plano Cylinder Cx.
Smoke Pecc., all shades from 1 to 6.	Plano Cylinder Cc.
Blue Plano.	Cylinder, rough, Cx. and Cc., 2 to 8 mm's thick.
Blue Cx.	Blue Cylinder, Cx. and Cc.
Blue Cc.	Smoke Cylinder, Cx. and Cc.
Blue Periscopic Cx.	Sphero Cylinder.
Blue Periscopic Cc.	Blue Sphero Cylinder.
Blue Plano Horseshoe.	Smoke Sphero Cylinder
Blue Mi-Coquille.	Cross Cylinder.
Blue Coquille.	Sphero Prism.
Blue Coquille, extra large.	Cylinder Prism.
Ground Coquille Blue.	Sphero Prism Cylinder.
Ground Coquille Blue, extra large.	

INTERCHANGEABLE LENSES.



NOTE.—Our Lenses are made of very hard stock and are all ground in the Dioptral system. (Can be furnished in the Inch system if desired.)

All Interchangeable Lenses are put up in boxes, each box containing one dozen pairs. Each Lens is plainly tagged with the diopter and corresponding inch number.

We furnish Lenses fitted to any size Eye (see page 7). An extra charge is made for A, B, C, F and Octagon Eyes, 0 and 00 Eye Focused Lenses.

We manufacture and keep in stock the following Interchangeable Lenses, first and second quality :

Convex and Plano White.
 Convex round, $1\frac{1}{2}$ in. diam.
 Plano Cx., round, $1\frac{1}{2}$ in. diam.
 Convex, Whole Bifocal.
 Convex, Split Bifocal.
 Convex, Centered Bifocal.
 Convex, "Perfection" Bifocal.
 Cemented Bifocal.
 Periscopic Cx.
 Periscopic Cx., round, $1\frac{1}{2}$ in. diam.
 Periscopic Cx., edged for Frameless.
 Concave.
 Concave, round, $1\frac{1}{2}$ in. diam.
 Plano Cc., round, $1\frac{1}{2}$ in. diam.
 Periscopic Cc.
 Periscopic Cc., round, $1\frac{1}{2}$ in. diam.
 Periscopic Cc., edged for Frameless.
 Blue Cx.
 Blue Periscopic Cx.
 Blue Cc.
 Blue Periscopic Cc.
 Smoke Cx.
 Smoke Periscopic Cx.
 Smoke Cc.
 Smoke Periscopic Cc.
 Pink Periscopic Cx.
 Pink Periscopic Cc.
 Blue Plano.
 Blue Coquille.
 Blue Coquille, extra large.

Smoke Plano.
 Smoke Coquille.
 Smoke Coquille, extra large.
 Shooting.
 Ground Coquille Blue.
 Ground Coquille Blue, extra large.
 Ground Coquille Smoke.
 Ground Coquille Smoke, extra large.
 Convex Pebbles.
 Periscopic Cx. Pebbles.
 Periscopic Cc. Pebbles.
 Strong Cx.
 Strong Periscopic Cx.
 Strong Cc.
 Strong Periscopic Cc.
 Strong Cx., round, $1\frac{1}{2}$ in. diam.
 Strong Cc., round, $1\frac{1}{2}$ in. diam.
 Strong Plano Cx., round, $1\frac{1}{2}$ in. diam.
 Strong Plano Cc., round, $1\frac{1}{2}$ in. diam.
 Strong Peris. Cx., round, $1\frac{1}{2}$ in. diam.
 Strong Peris. Cc., round, $1\frac{1}{2}$ in. diam.
 Prisms, $1\frac{1}{2}$ in. square, $\frac{1}{2}$ to 30° .
 Prisms, $1\frac{1}{2}$ in. round, $\frac{1}{2}$ to 30° .
 Plano Cylinder, Cx.
 Plano Cylinder, Cc.
 Sphero Cylinder.
 Blue Pcx., all shades from 1 to 6.
 Blue Pccc., all shades from 1 to 6.
 Smoke Pcx., all shades from 1 to 6.
 Smoke Pccc., all shades from 1 to 6.

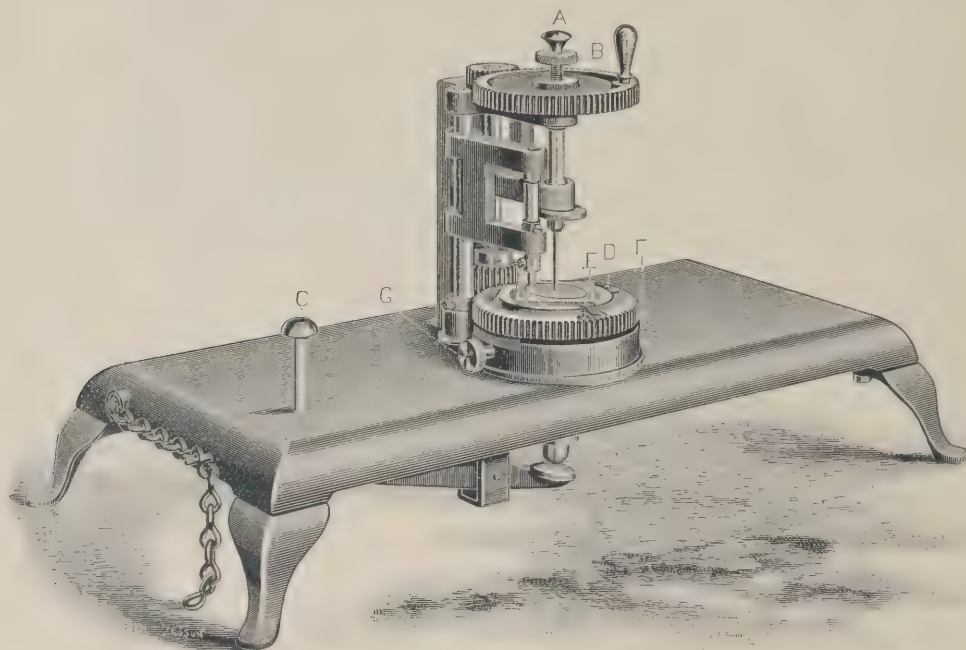
NOTE.—Round Lenses, $1\frac{1}{2}$ inch diameter, are same price as oval.

Lenses finished with polished edges when so ordered.

Lenses frosted when so ordered.

IMPROVED LENS-CUTTING MACHINE.

Used for cutting Spherical and Cylinder Lenses. Fitted with a diamond and patterns, complete, for Spectacle and Eyeglass work.



Place the pattern required on the arbor, taking care to screw the nut on firmly; draw up tension chain until the diamond holder presses strongly against the pattern.

TO CUT A SPHERICAL LENS. Place the Lens on the pad with its longest axis corresponding to that of the pattern; see that it fits the pad without rocking. If the lens is very thick, the center tension may have to be raised in order to place it; this can be done by lifting the knob "A". If there should be too much pressure on the lens it may be regulated by the screw "B". The center tension should be such that when the lens is brought up to the diamond it cannot be easily moved; then bring the lens up to the diamond by pressing the push pin "C"; turn the crank to the left, keeping just enough pressure on the push pin to cause the diamond to cut. Do not press too hard.

TO CUT CYLINDERS. Mark the axis on each edge of the cylinder with an ink dot; loosen the clamp screw "D"; turn the graduated circle until the pointer "E" indicates the angle required. Tighten the clamp screw "D". Draw a line across the pad from 0 to 180; place the cylinder with its axis dots on this line, cylinder side up, and cut.

If in doubt about the size the machine will cut, it will be best to cut a trial from a piece of window glass.

The machine is so arranged that the same pattern can be used for all sizes by using the adjustable screws "F" and "G". To make larger, loosen the screw "F" and tighten the screw "G". To make smaller, reverse the operation. When the 1 eye pattern is in place, the "Pointer" will indicate 1 on the scale. When the pointer indicates 0, that size can be cut; the same with all sizes from 3 to 00.

The scale under the Pointer is made movable to accommodate any change in the size of the cut, by change of the diamond or from other cause.

Keep all the working parts well oiled.

Be sure the screws "F" and "G" are not left loose.



We are also prepared to furnish for jobbing purposes, Optical Lathes for grinding special Lenses, Lens Drilling Machines, Grindstones and Frames complete; Lathes fitted with Chucks, Mills, etc.; Formers for shaping Eyes; Standard Size Eyes for fitting Interchangeable Lenses; Standard Hardened Steel Sizers, all sizes; Pliers for bending Springs; Screw Drivers in three sizes, etc., etc.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

MATERIAL

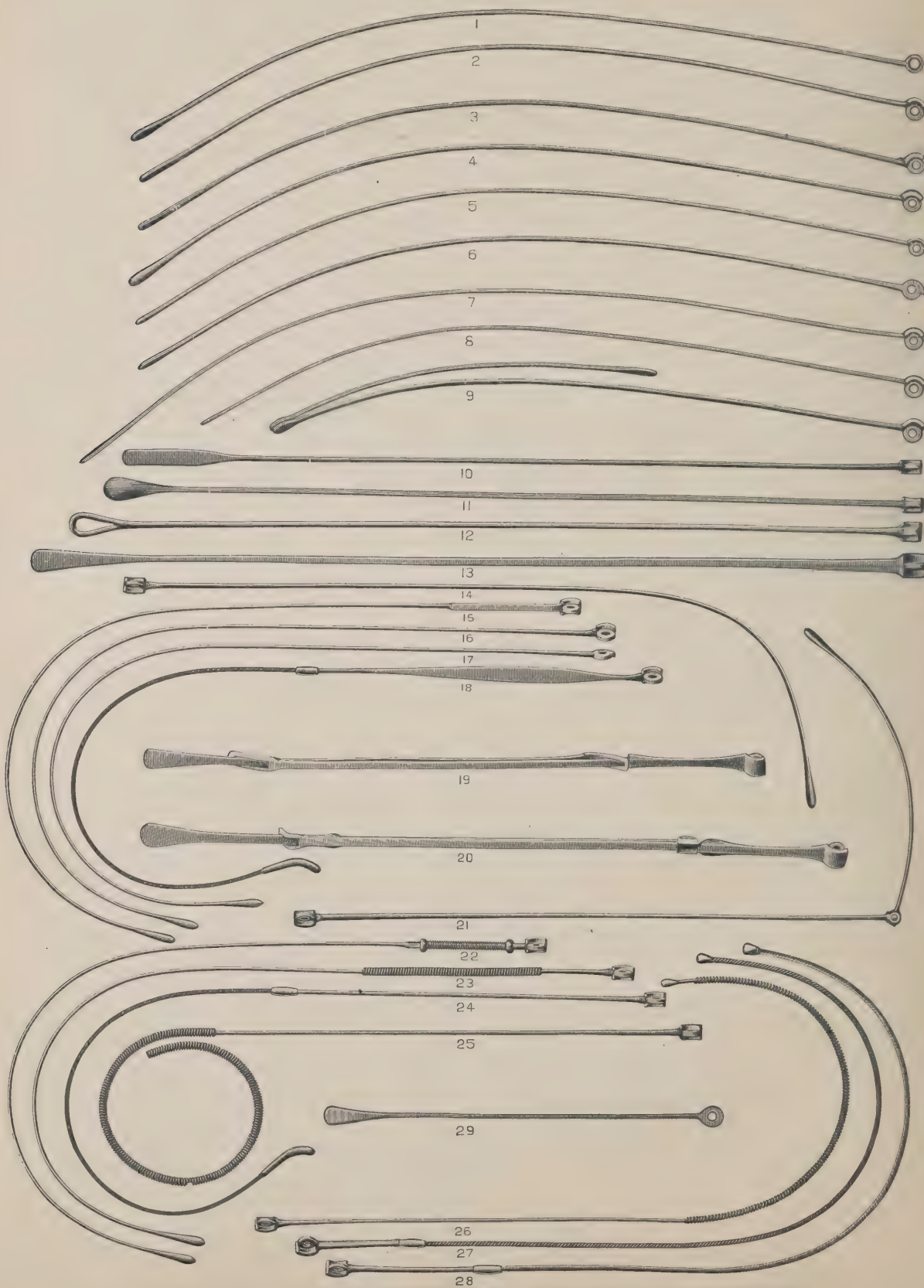
FOR

SPECTACLES AND EYEGLASSES.

It is impossible to even call attention to all the material required by the Opticians ; but the following will, we believe, help them to make their wants known. We will make anything in our line that may be required, either from sample or drawing.

ASK FOR THE AMERICAN OPTICAL COMPANY'S GOODS AND BE SURE THAT YOU GET THEM.

TEMPLES.



Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

TEMPLES.

When ordering Temples give the Catalogue number of the goods they are intended for, and also the color.

The cuts on the opposite page illustrate: —

- Cut No. 1. No. 20 Temple.
- Cut No. 2. Flat Temple in Steel, Alumnico, Roman Alloy, Gold Filled, German Silver, Silver and Gold.
- Cut No. 3. Solid Joint, half round Steel Temple.
- Cut No. 4. Round Temple in Steel, Alumnico, Roman Alloy, Gold Filled, German Silver, Silver and Gold.
- Cut No. 5. Fine finish, Extra Light Steel Temple.
- Cut No. 6. Solid Joint Temple for short end piece, in Steel, Alumnico, Gold Filled and Gold.
- Cut No. 7. Extra Long Temple, in any quality.
- Cut No. 8. Short Temple, for children, in any quality.
- Cut No. 9. Turnpin Temple.
- Cut No. 10. Special Tip Temple, for name.
- Cut No. 11. Spoon Tip Temple (extra charge).
- Cut No. 12. Open Tip Temple.
- Cut No. 13. Nos. 200 and 210.
- Cut No. 14. Half Riding Temple.
- Cut No. 15. Square Butt Riding Temple, for name.
- Cut No. 16. Riding Temple.
- Cut No. 17. Riding Temple, solid joint, for short end piece.
- Cut No. 18. Half Cable and Half Flat Riding Temple.
- Cut No. 19. Loop Slide Temple.
- Cut No. 20. Band Slide Temple.
- Cut No. 21. Turnpin Temple with stop.
- Cut No. 22. Compensating Temple.
- Cut No. 23. Spiral Butt Temple.
- Cut No. 24. Half Cable and Half Round Riding Temple.
- Cut No. 25. Spiral Tip Temple.
- Cut No. 26. Spiral Shield Temple.
- Cut No. 27. Twisted Temple.
- Cut No. 28. Cable Temple.
- Cut No. 29. Section of Turnpin Temple.

LENGTHS OF TEMPLES.

We can supply Temples in the following lengths: —

STRAIGHT TEMPLES.		RIDING TEMPLES.	
Alumnico, Roman Alloy, German Silver, Silver, Gold, Short e. p. Goods,	} 5¼ and 5½ inches.	Steel, Alumnico, Roman Alloy, Gold Filled, German Silver, Silver, Gold,	} 5½, 6, 6¼, 6½, 7 inches.
Steel, Gold Filled,			
	} 5, 5¼, 5½, 5¾ and 6 inches.		

When order does not otherwise state we use the following lengths: —

- On all Riding Temple goods, except Children's, 6 inch Temples.
- On all Straight Temple goods of No. 1 Eye and larger size, 5½ inch Temples.
- On all Straight Temple goods of No. 2 Eye and smaller size, 5¼ inch Temples.

SPECIAL TEMPLES OF ALL KINDS MADE TO ORDER.

EYEGLASS HANDLES.



Nos. 440, 460, 463,
490, 500.



No. 420.



Nos. 801, 901.



Nos. 480, 483, 520.



No. 430.



Nos. 599, 890.



Nos. 491, 492, 493,
802, 803, 813, 862,
903.



No. 470.



No. 881 Loop.



Nos. 521, 522, 523.



No. 530.



No. 592 and all
Frameless Bar
Springs.



Nos. 661, 663, 681,
683, 1061, 1063,
1081, 1083.



No. 540.



Loop Handle, can
be used on Open
Post goods.



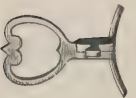
Nos. 1361, 1363,
1391, 1393.



No. 570.



Special Handle for
Gold.



Nos. 1161, 1163,
1181, 1183.



No. 831.



Ring Handle.



Nos. 560 and 563
second quality,
580, 583.



No. 871.



Ball Ring.



Nos. 560 and
563 first qual-
ity, 590, 593.



No. 921.



Ball Pear.



Nos. 881, 883, 884,
861, 981, 983.



No. 893.



Ring for cord.

The following are Special Handles for Frameless, and should be ordered by letter when wanted:—



A

B

C

D

E

F

G

H

I

J

OFFSET GUARDS.

Our Offset Guards are made in the following angles:—



The No. 1 angle is used unless otherwise ordered.

RIMLESS STRAPS.

The following cuts illustrate the different sizes of Straps used on our Rimless goods:—

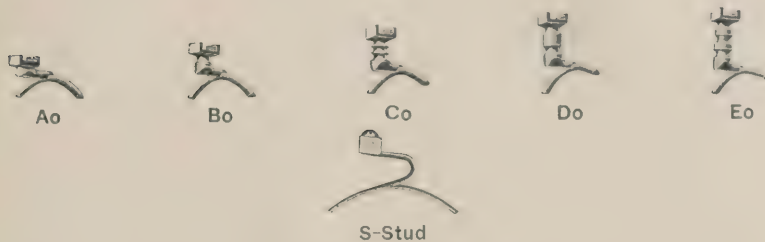


EYEGLASS STUDS.

Assorted lengths.



OFFSET STUDS.

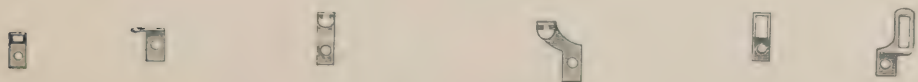


Can be used on any style of Eyeglass or Frameless. With this Post the P.D. of the Eyeglass can be adjusted, and it can also be bent into an offset, if desired.

The Studs above can be furnished on all the better grades of Steel, Frameless and Gold Eyeglasses, or unattached, and should be ordered by letter. The length of the Stud is measured from the outside of the eye wire to the bottom of the Stud. The "B" is the one commonly used on our goods.

Deep Box Studs are furnished when so ordered, for thick guards, springs, etc.

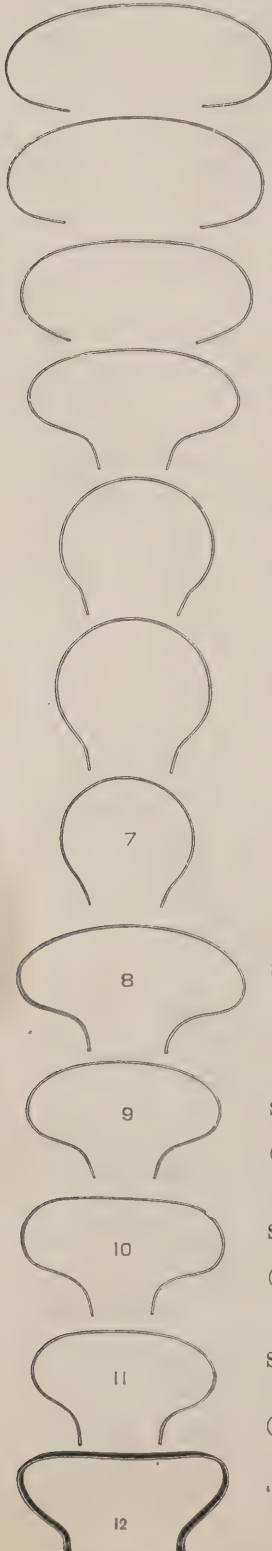
EYEGLASS HANGERS.



No. 450.	No. 453.	No. 460.	No. 1081.	No. 463.	No. 1083.	No. 470.	No. 473.
No. 850.	No. 853.	No. 480.	No. 1181.	No. 483.	No. 1183.	No. 871.	No. 873.
		No. 560.	No. 1281.	No. 563.	No. 1283.		
		No. 681.	No. 1381.	No. 683.	No. 1383.		
		No. 881.		No. 883.			

EYEGLASS SPRINGS.

When ordering Springs give CATALOGUE NUMBER AND COLOR; if special length or shape is desired give Cut number in addition. Special Springs made to order.



Nos. 420 and 430.
(Length 2 9-16 inches.)

Nos. 460, 463, 480, 483, 500,
560, 563, 681, 683, 841, 861,
881, 883, 885, 911, 961, 981,
1081, 1083, 1181, 1183, 1281,
1283, 1381, 1383.
(Length 2 7-16 inches.)

Nos. 470 and 871.
(Length 2 $\frac{1}{4}$ inches.)
890-560. (Length 2 inches.)

Nos. 490, 491, 520, 521, 590,
591, 661, 801, 862, 890, 891,
901, 1061, 1161, 1261, 1361,
530, 540.
(Length 2 7-16 inches.)

Nos. 493, 523, 593, 663, 803,
893, 894, 903, 1063, 1093,
1163, 1193, 1263, 1293.
(Length 1 15-16 inches.)

Nos. 492, 513, 522,
802, 813.
(Length 2 $\frac{1}{8}$ inches.)

Special for Nos.
493, 523, 803, 893.
(Length 1 13-16
inches.)

Special for Nos.
490, 520, 801, 890.
(Length 2 $\frac{3}{8}$ inches.)

Special for Nos.
490, 520, 801, 890.
(Length 2 $\frac{1}{4}$ inches.)

Special for Nos.
490, 520, 801, 890.
(Length 2 7-16
inches.)

Special for Nos.
490, 520, 523, 801,
803.
(Length 2 $\frac{1}{4}$ inches.)

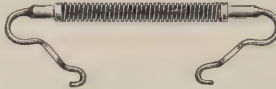
"Offset" Spring.
Any style.



Nos. 520 A, 523 A,
590 A, 593 A,
801 A, 803 A,
890 A, 893 A.



Nos. 480 A, 500 A,
560 A, 881 A.



Nos. 483 A, 503 A,
563 A, 883 A.



Nos. 480 D, 500 D,
560 D, 881 D,
883 D.



Nos. 520 D, 523 D,
590 D, 593 D,
801 D, 803 D,
890 D, 893 D.



Nos. 480 E, 500 E,
560 E, 881 E,
883 E.



Nos. 520 E, 523 E,
590 E, 593 E,
801 E, 803 E,
890 E, 893 E.



Nos. 480 F, 500 F,
560 F, 881 F.



Nos. 483 F, 503 F,
563 F, 883 F.



Nos. 520 F, 523 F,
590 F, 593 F,
801 F, 803 F,
890 F, 893 F.



Nos. 532, 593,
832, 892.



Nos. 533, 833.

PATENT APPLIED FOR.

NOTE.—Any of the above Springs made flat or oval, also reduced or oval reduced.

Please do not cut or mutilate this Catalogue, but order by the number of any wholesale house.

EYEGLOSS GUARDS.

When ordering Guards give CATALOGUE NUMBER AND COLOR. All Guards not otherwise described are made with cork; they can be furnished with zylonite if so ordered.

SPECIAL GUARDS MADE TO ORDER.



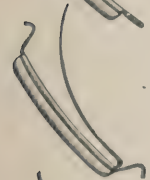
No. 420.



Nos. 450, 453, 851, 853.



Nos. 460, 463, 480, 483,
560, 563, 681, 683, 881,
883.



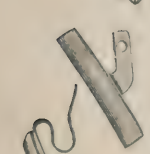
Nos. 470, 473, 871, 873.



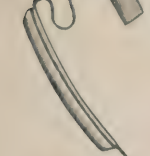
Nos. 490, 520, 530, 661,
801, 1061, 1261.



Nos. 491, 521, 862.



Nos. 493, 523, 542, 583,
593, 594, 663, 803, 893,
894, 1063, 1093, 1163,
1193, 1263, 1293, 1383,
1393. Any angle de-
sired. (See page 93.)



Nos. 500, 503, 861, 863.



Nos. 532, 533, 592, 832,
833, 892.



Nos. 580, 590.



No. 430.



Nos. 1161, 1361.



No. 599.



Nos. 513, 813.



Nos. 581, 591, 891.



Nos. 1081, 1083, 1181, 1183,
1281, 1283, 1381, 1383,
or new style, no screws.



Nos. 492, 522, 802.



Nos. 440, 443, 840, 843.



Nos. 460 long, 463 long,
480 long, 483 long, 881
long, 883 long.



No. 911.

SPECTACLE AND EYEGLASS SCREWS.

We are manufacturing a variety of these Screws; and as it is not practical to illustrate them, we propose to describe them in such a manner that our customers can intelligently order the kind desired.

Following are the regular kinds we make, designated by the catalogue number of the goods they are used for; the same Screws are in several cases also used for other goods as indicated:—

No. 70. Used for all Steel Spectacles except Nos. 193, 366 and 210; also used for Nos. 1006, 1303, 1306 and 1106, and for all Steel, German Silver, Roman Alloy, Rolled Plate and Alumnico Eyeglasses (right and left sides), except the A, D and E styles Bar Spring in Steel.

No. 193. Used also for No. 366.

No. 210. Used also for Nos. 349 and 2347, etc. (for end piece).

No. 1000. Used also for Nos. 1001, 1002, 1100, 1101, 1303, 1300 and 1301.

No. 706. Used also for all Gold Riding except Nos. 708 and 718, and for No. 599 Studs.

No. 710. Used also for the A, D and E styles Bar Spring Steel and Gold Eyeglasses, and for left sides on all Gold and Steel Eyeglasses.

No. 730. Used also for No. 720 and No. 640.

No. 530 Handle. No. 540 Handle. No. 801 Handle.

No. 881 Handle. Used also for Silver Eyeglasses.

No. 460 Guard. No. 540 Guard. No. 881 Guard.

No. 490 Stud. Used also for Nos. 480 and 520 D and E styles Bar Spring, and Nos. 460, 463, 470, 473, 480, 483, 491, 492, 493, 495, 500, 520, 521, 522, 580, 590, and for the Studs of all Silver, German Silver, Rolled Plate, Roman Alloy, Alumnico and Gold Eyeglasses, except the No. 881 F style Bar Spring.

No. 420 Stud. Used also for No. 430. No. 560 Stud.

No. 520 Open Post. Used also for Nos. 480 O.P., 801 O.P. and 881 O.P.

No. 523 Open Post. Used also for 803 O.P.

No. 594 Stud. Used also for Nos. 480 F, 500 F and Trial Frame Springs.

No. 881 F Stud. No. 590 Glass. No. 1193 Glass. No. 890 Glass (Gold).

NOTE.—Gold, Silver, German Silver, Roman Alloy and Alumnico Spectacle Screws are left with unfinished ends and sufficiently long to admit of being filed after being screwed to the end piece.

Orders for special Screws similar to the above will receive our attention.

Ask your Jobber for
AMERICAN OPTICAL CO.
EYE GLASS CHAINS.

